

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS ☒ FIL ☒ X WATER SANDS LOCATION INSPECTED SUB REPORT/abd

980330 Conf exp:

980716 Opr Chg to Inland Prod Co, etc. 9-30-97

DATE FILED SEPTEMBER 30, 1996

LAND FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

UTU-72107

INDIAN

DRILLING APPROVED: DECEMBER 9, 1996

SPUDDED IN: 1-24-97

COMPLETED: 2-26-97 POW PUT TO PRODUCING:

INITIAL PRODUCTION: 84 Bbl, 38 mcf, 0 Bbl

GRAVITY API 34°

GOR .36

PRODUCING ZONES 4727'-5203' HRRV

TOTAL DEPTH: 5800'

WELL ELEVATION 5669' ML

DATE ABANDONED:

FIELD MONUMENT BUTTE

UNIT:

COUNTY DUCHESNE

WELL NO MONUMENT FEDERAL 43-10-9-16

API NO. 43-013-31723

LOCATION 1914 FSL FT. FROM (N) (S) LINE. 722 FEL

FT. FROM (E) (W) LINE. NE SE

1/4 - 1/4 SEC 10

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				9S	16E	10	INLAND PROD CO

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Horse Bench	Dakota	Park City	McCracken
2nd garden gulch	Burro Canyon	Rico (Goodridge)	Aneth
Yellow mkr	Cedar Mountain	Supai	Simonson Dolomite
Douglas Creek	Buckhorn	Wolfcamp	Sevy Dolomite
2nd DICK	JURASSIC	CARBON I FEROUS	North Point
Washburn green mkr	Morrison	Pennsylvanian	SILURIAN
Black Shale	Salt Wash	Oquirrh	Laketown Dolomite
Carbonate	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.

UTU-72107

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NE SE Section 10, T9S, R16E 1914' FSL, 722' FEL

At proposed prod. zone

514

722

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

GL 5668.6'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

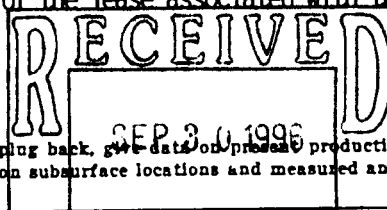
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drill	ing Program/Casing Design			

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory Oil, GAS & MINING
Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31923

APPROVAL DATE

APPROVED BY

J. Matthews

TITLE

Petroleum Engineer

DATE

12/9/96

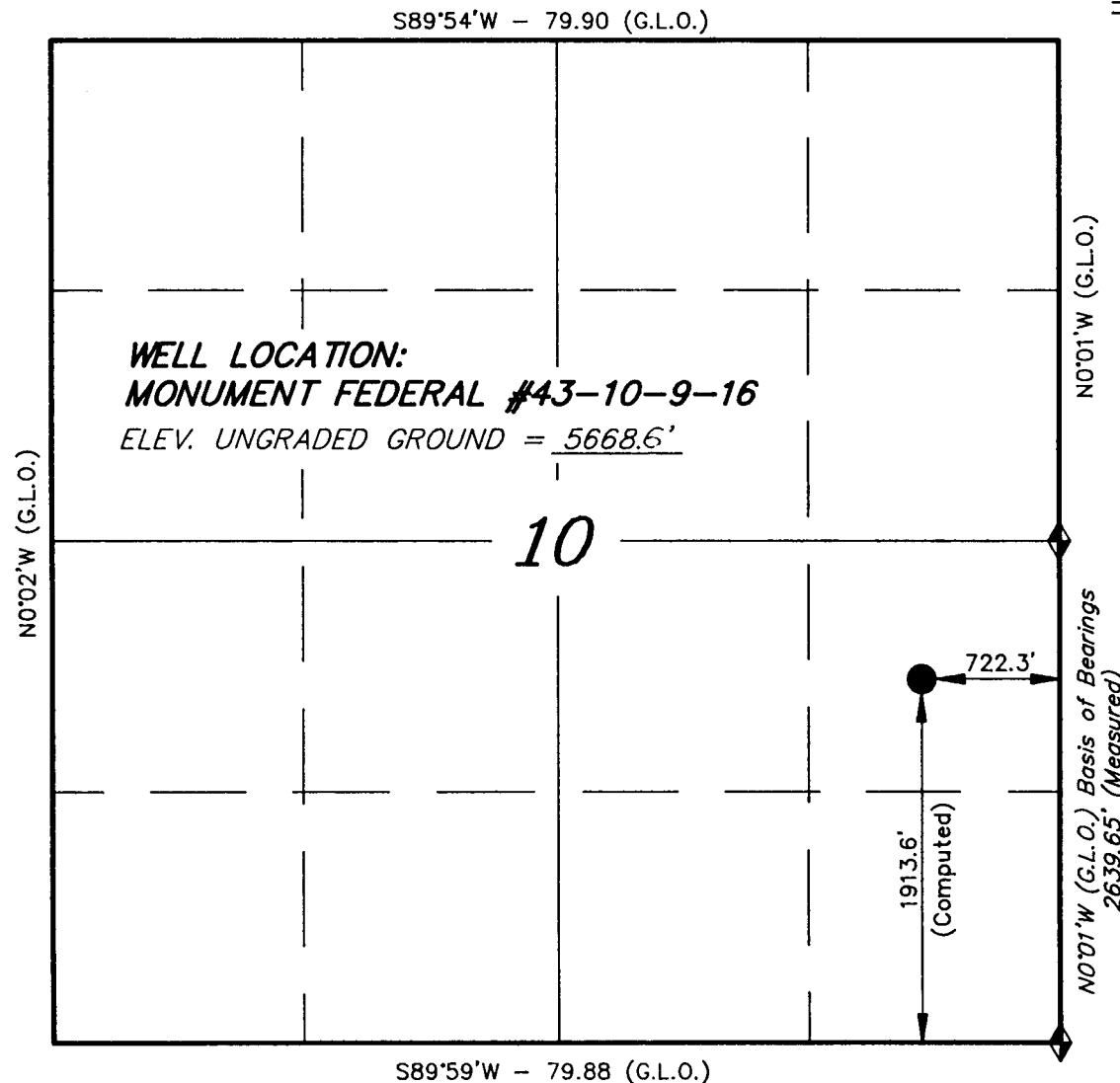
CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

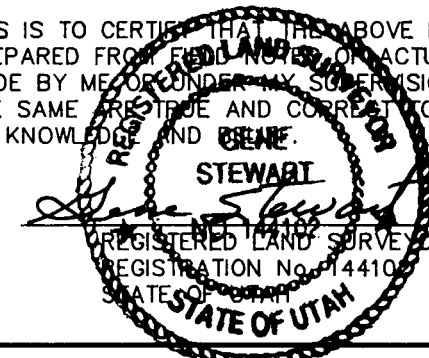
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #43-10-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 10, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-8-96	WEATHER: WARM
NOTES:	FILE #

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				LEASE DESIGNATION AND SERIAL NO. UTU-72107	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. UNIT AGREEMENT NAME n/a	
2. NAME OF OPERATOR Equitable Resources Energy Company				8. FARM OR LEASE NAME Monument Federal	
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860				9. WELL NO. #43-10-9-16	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NE SE Section 10, T9S, R16E 1914' FSL, 722' FEL At proposed prod. zone				10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, Utah approximately 10 miles SW				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 10, T9S, R16E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 5,800'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5668.6'				22. APPROX. DATE WORK WILL START*	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
See Drilling Program/Casing Design					

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Bobbie Schuman Regulatory and Environmental Specialist SEP 30 1996
SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE September 25, 1996
(This space for Federal or State office use)

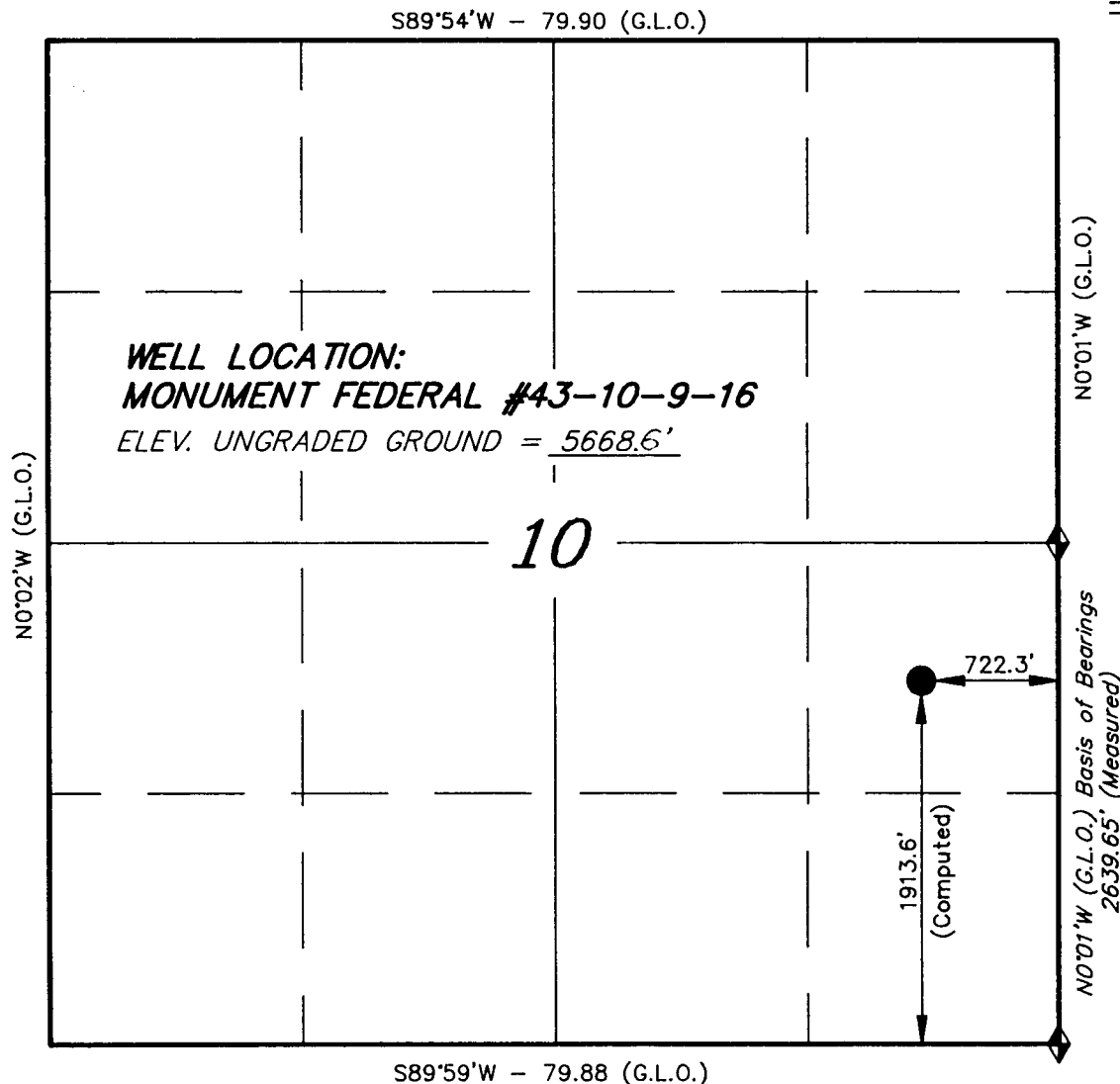
PERMIT NO. 43-013-31723 APPROVAL DATE 12/9/96
APPROVED BY [Signature] TITLE Petroleum Engineer DATE 12/9/96
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

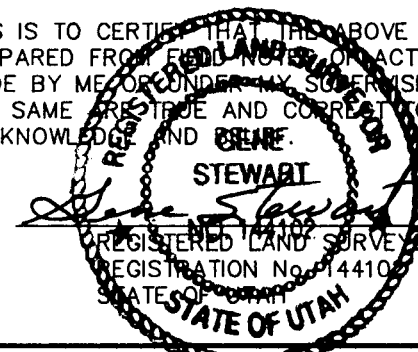
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #43-10-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 10, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 9-8-96

WEATHER: WARM

NOTES:

FILE #

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #43-10-9-16
NE SE Section 10, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #43-10-9-16
NE SE SECTION 10, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' North and 200' & 250' East.
- B. The Monument Federal #43-10-9-16 is located 13 miles Southwest of Myton Utah in the NW1/4 SE1/4 Section 10, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 43-10-9-16, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 10.1 miles to a road intersection, turn right and continue 4.2 miles to the proposed access road sign. Follow flags 300 feet to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 300 feet of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the Southwest side of location. Access will be from the East between corner #2 and corner #3.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 27, 1996
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
Equitable Resources Energy Co.



C

Well Prognosis

Well Name Monument Fed. #43-10-9-16				Control Well			
Location NE/SE Sec. 10-T9S-R16E (1914 fsl, 722 fel)				Operator EREC			
County/State Duchesne County, Utah				Well Name Castle Peak Fed. #44-10			
Field Mon. Butte		Well Type Dev.		Location SE/SE Sec. 10			
GL (Ung) 5668.6	EST. KB 5679	Total Depth 5800		KB 5709			

Formation Tops		Prognosis		Sample Top		Control Well	High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1624	4055			4105			
HORSEBENCH SS	2235	3444			3494			
2ND GARDEN GULCH	3903	1776			1826			
Y-2 (PAY)	4212	1467			1517			
Y-4 (PAY)	4380	1299			1349			
YELLOW MARKER	4539	1140			1190			
DOUGLAS CREEK	4694	985			1035			
R-1 (PAY)	4703	976			1026			
R-5 (PAY)	4791	888			938			
2ND DOUGLAS CREEK	4931	748			798			
G-IL (PAY)	5030	649			699			
GREEN MARKER	5073	606			656			
G-6 (PAY)	5290	389			439			
CARBONATE MARKER	5559	120			170			
B-1 (PAY)	5591	88			138			
TD	5800							

Samples

50' FROM 1600' TO 4100'
20' FROM 4100' TO TD
5' THROUGH EXPECTED PAY
5' THROUGH DRILLING BREAKS

DST,s

DST #1 NONE
DST #2
DST #3
DST #4

Wellsite Geologist

Name: _____
From: _____ To: _____
Address: _____
Phone # _____ wk.
hm.
Fax # _____

Logs

DLL FROM SURF CSNG TO TD
LDT/CNL FROM 3800' TO TD

Cores

Core #1
Core #2
Core #3
Core #4

Mud Logger

Company: _____
From: 1600' To: TD
Type: 2-MAN
Logger: _____
Phone # _____
Fax # _____

Comments:

Report To: 1st Name: DAVE BICKERSTAFF
2nd Name: KEVEN REINSCHMIDT
Prepared By: BICKERSTAFF 9/5/96

Phone # (406)259-7860 wk. (406)245-2261 hm.
Phone # (406)259-7860 wk. (406)248-7026 hm.
Phone # _____ wk. _____ hm.



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

D

DRILLING PROGRAM

WELL NAME: Monument Federal #43-10-9-16 DATE: 9-26-96
PROSPECT/FIELD: Monument Butte
LOCATION: NE/SE Section 18 Twn. 9S Rge. 16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 5800'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
7 7/8" 260' to 5800'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5800'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing 150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele.
(Cement will be circulated to surface.)

Production Casing 205 sacks 28:72 Poz. (28% POZ: 72% Class "C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd=3.30 Cu.Ft/Sk Comp. Strght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ (50% POZ: 50% Class "G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
(Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

D

Operator: EREC	Well Name: MF 43-10-9-16
Project ID:	Location: Duchesne / Utah

Design Parameters:

Mud weight (8.70 ppg) : 0.452 psi/ft
 Shut in surface pressure : 2041 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,800	5-1/2"	15.50	K-55	ST&C	5,800	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2621	4040	1.541	2621	4810	1.84	89.90	222 2.47 J

Prepared by : *McCoskery, Billings, Montana*

Date : 09-26-1996

Remarks :

Design is for a Production string.

Minimum segment length for the 5,800 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and 2,621 psi, respectively.

NOTE : The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

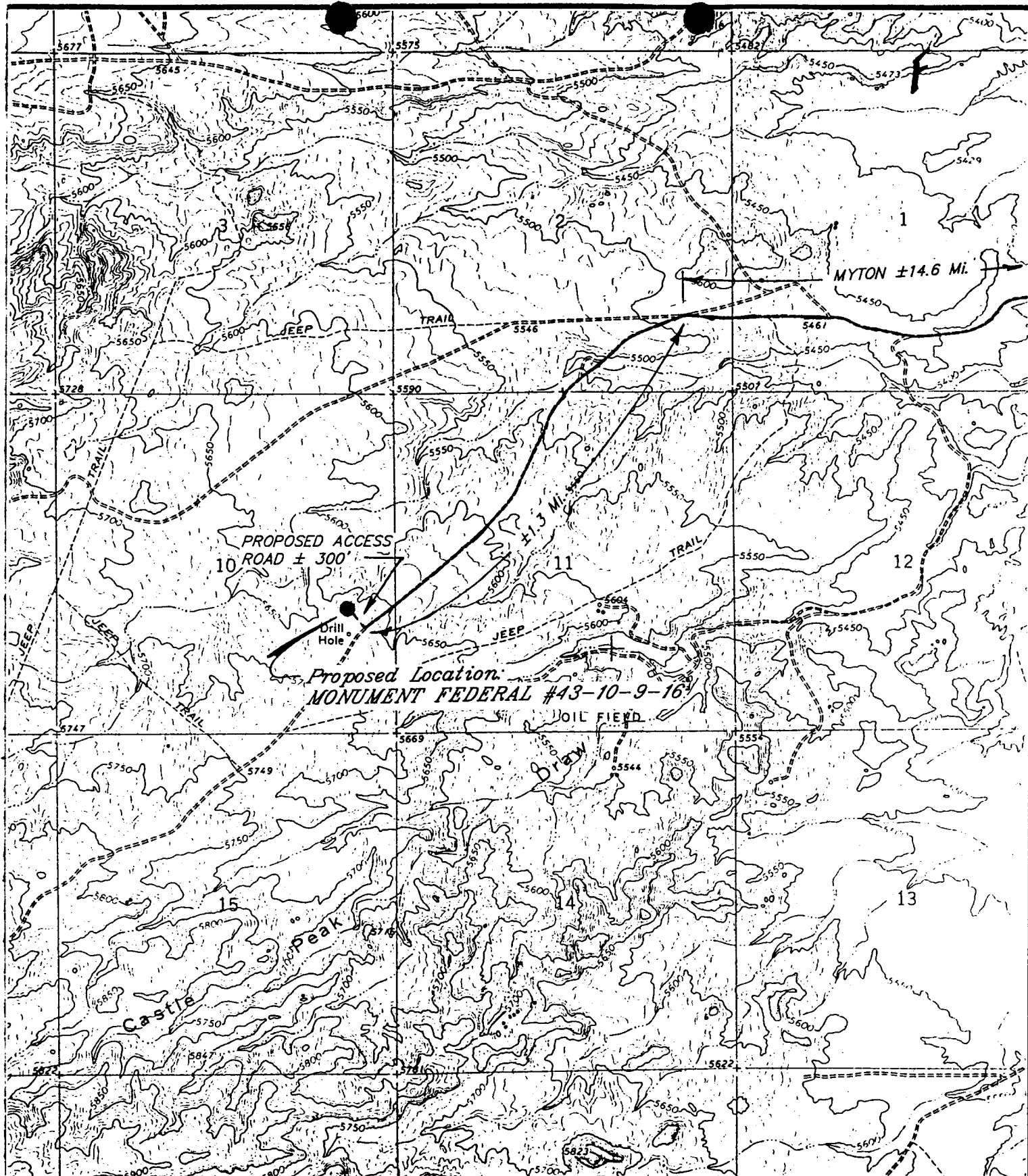
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

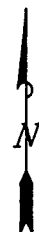
3/28/95

/rs



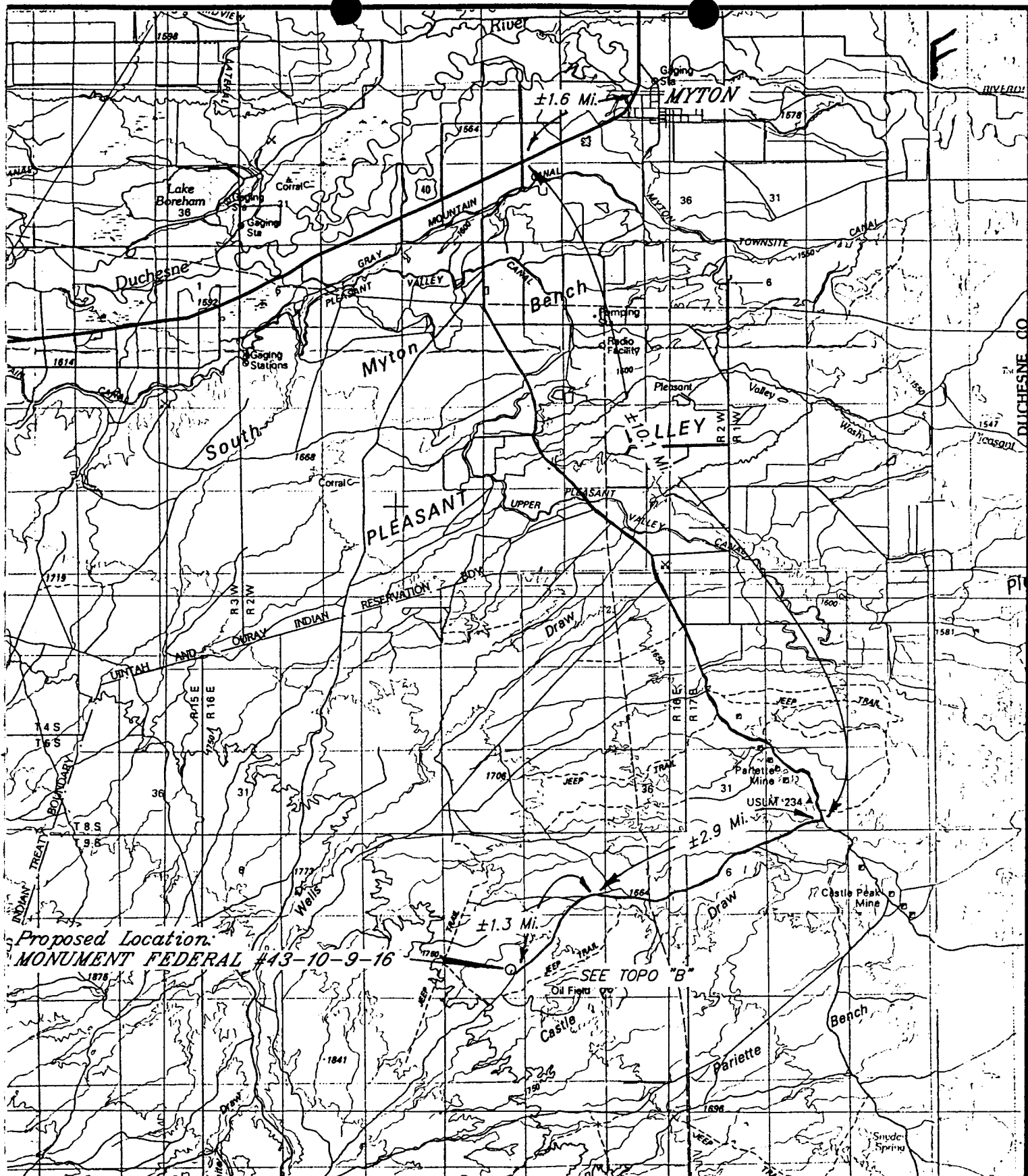
EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #43-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.
TOPO "B"



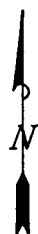
SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #43-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.
TOPO "A"



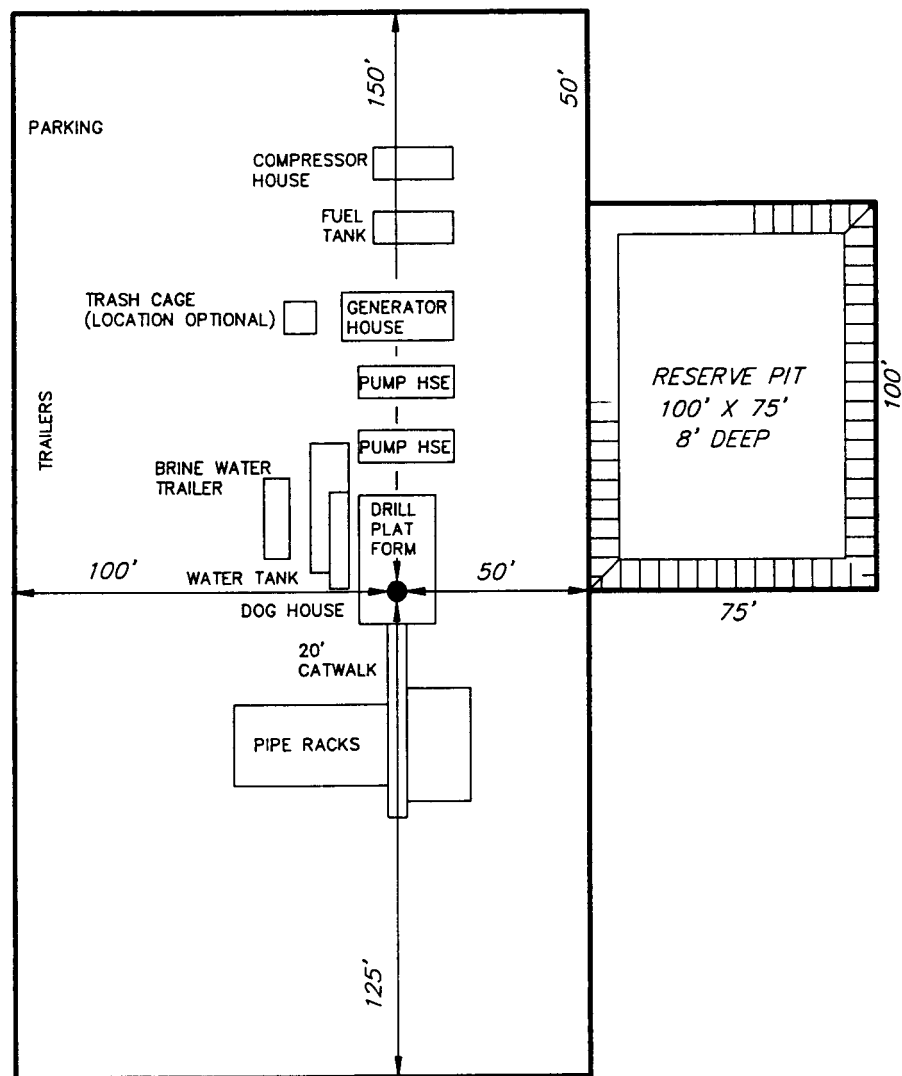
Tri State
Land Surveying, Inc.
 (801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

G

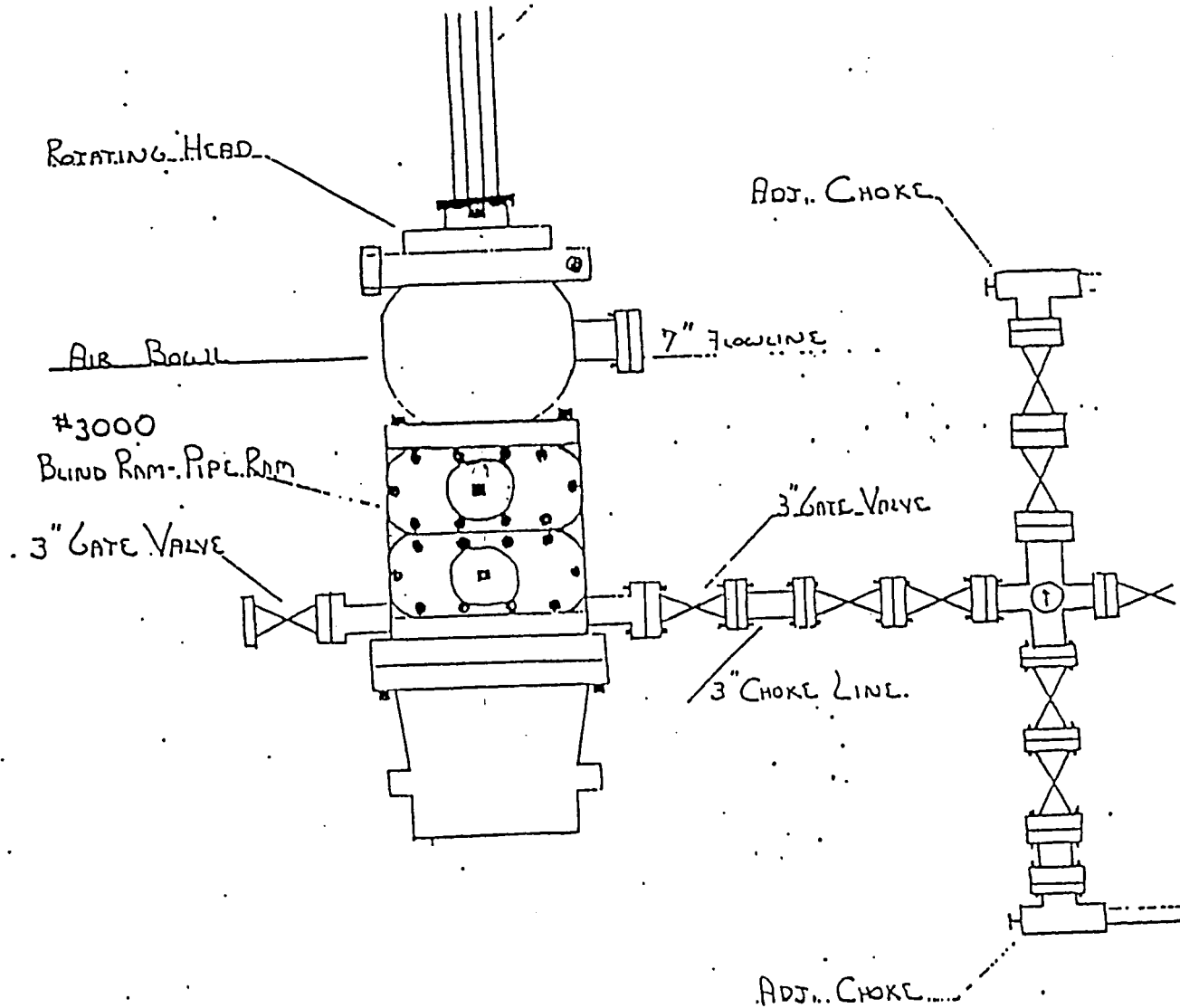
TYPICAL RIG LAYOUT

MONUMENT FEDERAL #43-10-9-16

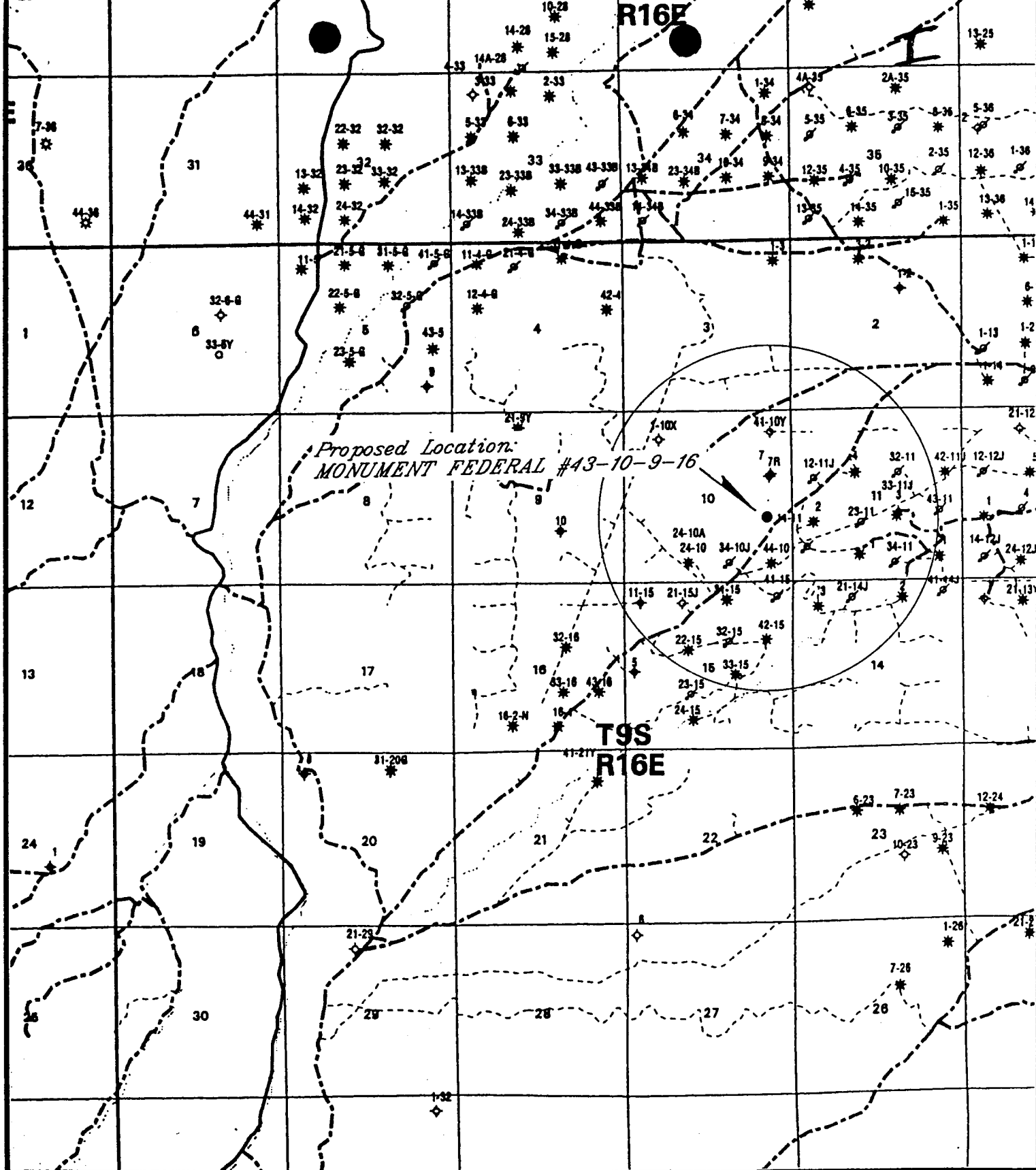


Hex Kelly -

UNION DRILLING RIG #17



#3000 Stack



EQUITABLE RESOURCES CO.

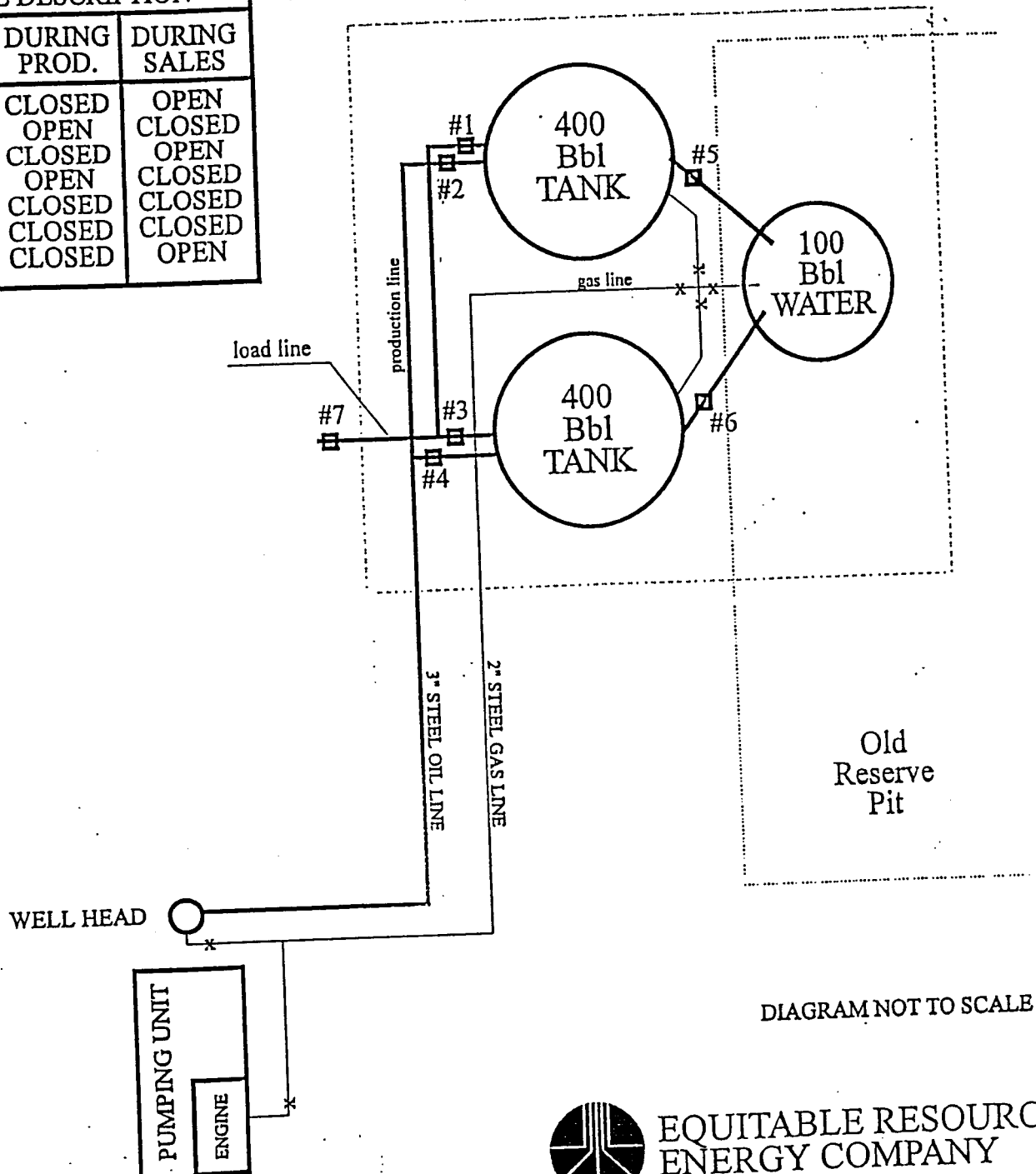
MONUMENT FEDERAL #43-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

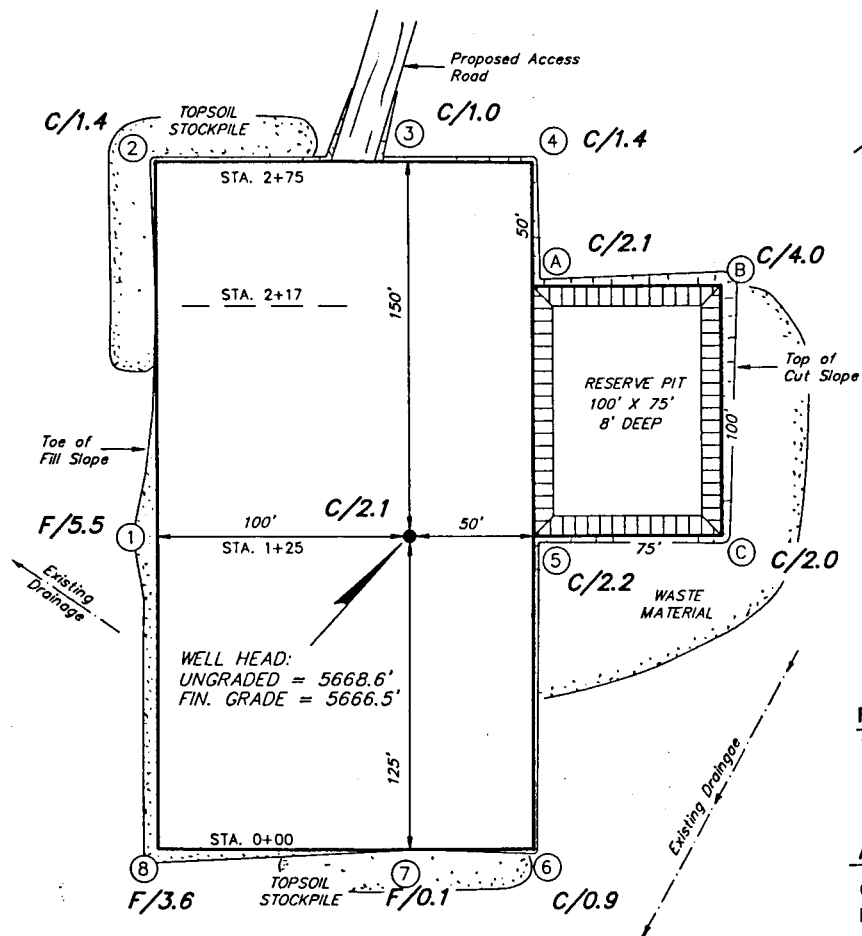
DIKE

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #43-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.

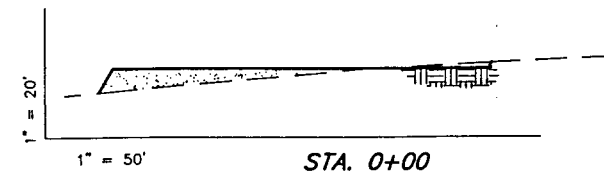
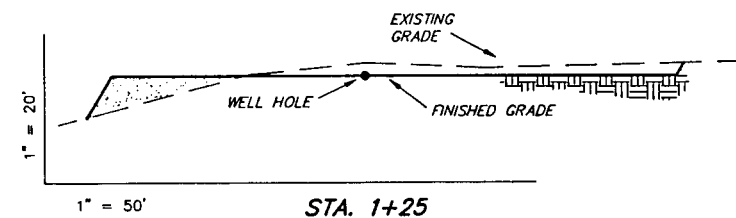
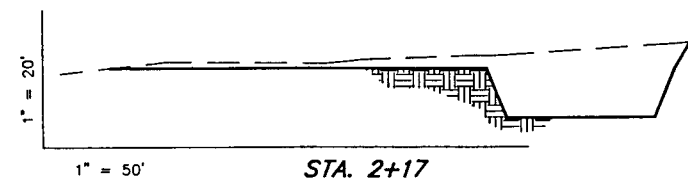
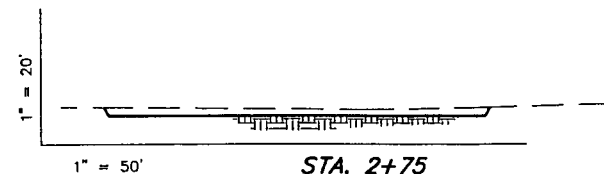


REFERENCE POINTS

150' NORTHERLY = 5655.9'
200' NORTHERLY = 5651.7'
200' EASTERLY = 5666.5'
250' EASTERLY = 5665.2'

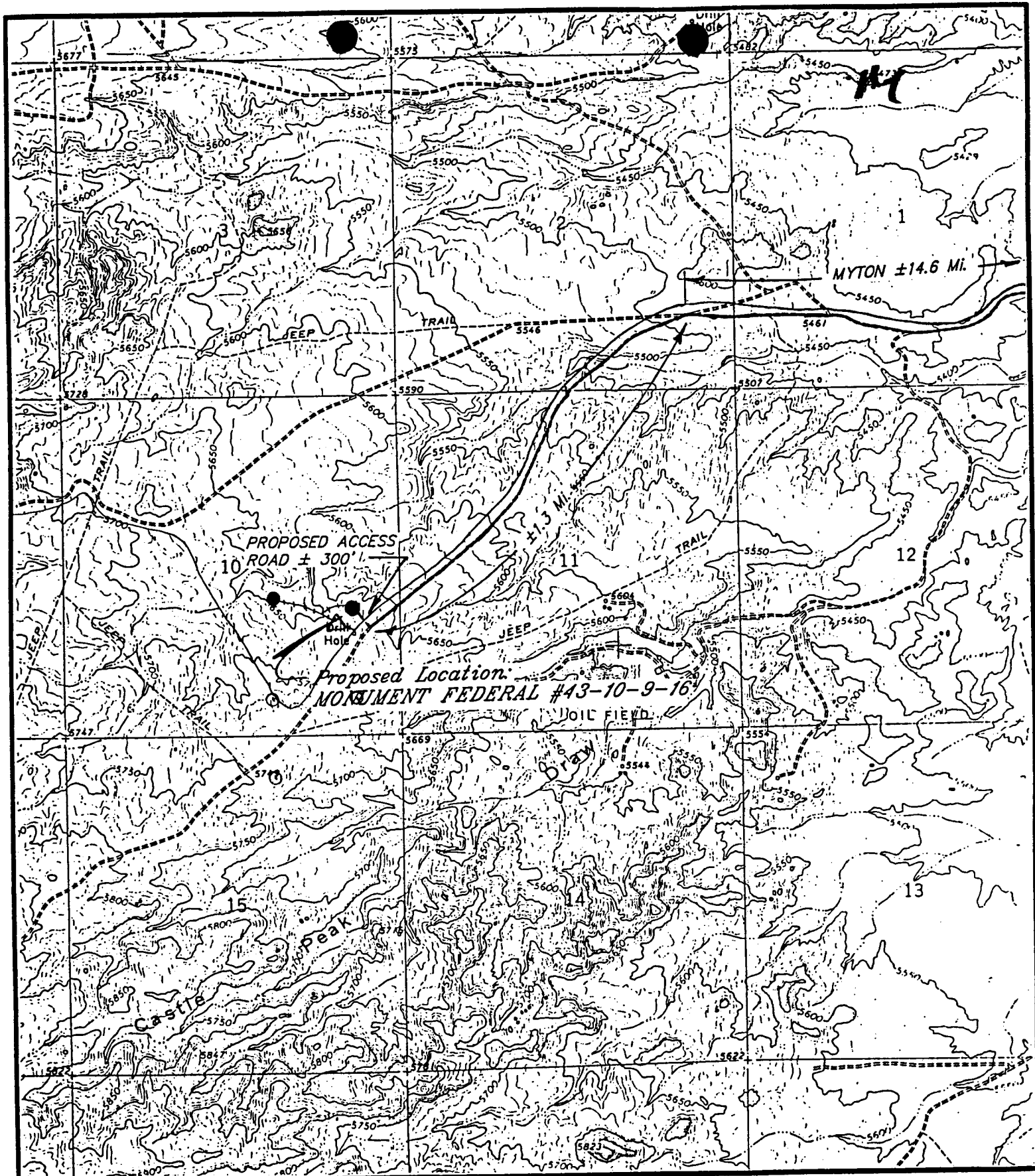
APPROXIMATE YARDAGES

CUT = 1,120 Cu. Yds.
FILL = 1,120 Cu. Yds.
PIT = 1,940 Cu. Yds.
6" TOPSOIL = 900 Cu. Yds.

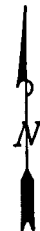


SURVEYED BY: G.S. D.S.
DRAWN BY: J.R.S.
DATE: 9-8-96
SCALE: 1" = 50'
FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



- | | |
|------------------------------|--------------------------------|
| ▲ existing gas meter | ▲ proposed gas meter |
| ⊙ existing location | ● proposed location |
| — existing poly surface line | +++ proposed poly surface line |
| — existing road | --- proposed road |



PROPOSED GAS GATHERING

Monument Federal #43-10-9-16
Sec. 10, T9S, R16E



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

SCALE: 1" = 2000'

EXHIBIT M

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: ~~09/03/96~~

API NO. ASSIGNED: 43-013-31723

WELL NAME: MONUMENT BUTTE 43-10-9-16
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NESE 10 - T09S - R16E
SURFACE: 1914-FSL-0722-FEL
BOTTOM: 1914-FSL-0722-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: UTU - 72107

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 5547188)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number JOE SHIELDS)
☒ RDCC Review (Y/N)
(Date: _____)

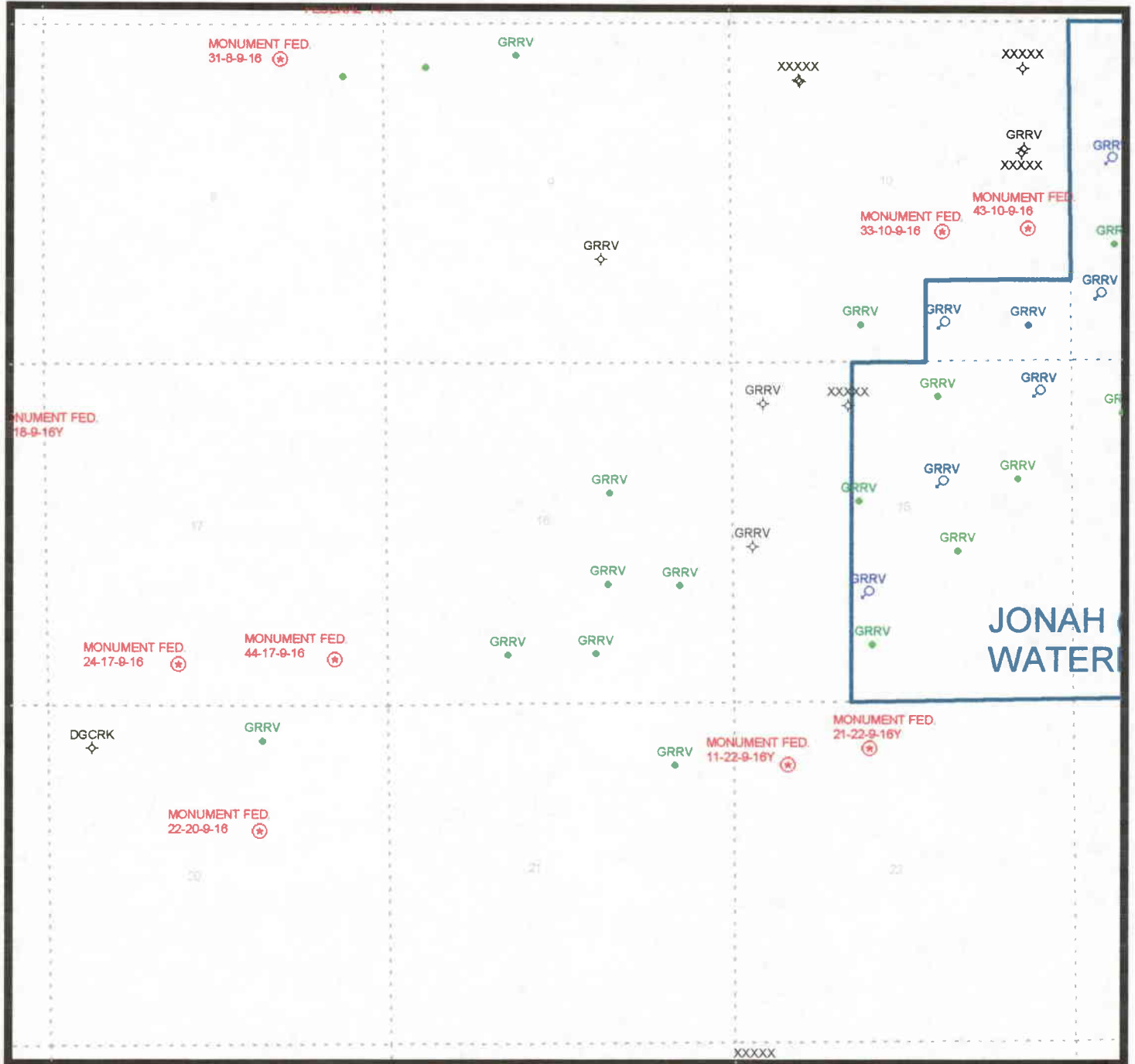
LOCATION AND SITING:

___ R649-2-3. Unit: _____
☒ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
___ Board Cause no: _____
___ Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE (105)
SECTION: 10 & 22 T9S R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 30-SEPT-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MON FED 43-10-9-16
Project ID: 43-013-31723	Location: SEC. 10 - T9S - R16E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2332 psi
 Internal gradient (burst) : 0.060 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,800	5.500	15.50	K-55	ST&C	5,800	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2682	4040	1.506	2682	4810	1.79	89.90	222 2.47 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 12-09-1996
 Remarks :

GREEN RIVER

Minimum segment length for the 5,800 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 115°F (Surface 74°F , BHT 155°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,682 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

5. Lease Designation and Serial No.
See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.
See attached listing

9. API Well No.

10. Field and Pool, or Exploratory Area
Monument Butte/Grn River

11. County or Parish, State
See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

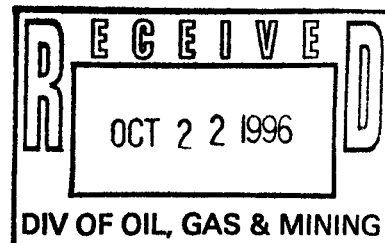
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other paleontology Reports
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Regulatory and
Environmental Specialist

Date October 21, 1996

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

**MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996**

1. (9) Monument Federal #31-18-9-16Y

NW NE Section 18, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

648' FNL, 1992' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5884.3' 6000'

2. (10) Monument Federal #42-18-9-16Y

SE NE Section 18, T9S, R16E

Duchesne County, UT

1980' FNL, 500' FEL PROPOSED FOOTAGES

2007' FNL, 388' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 6064.4' 5900'

3. (13) Monument Federal #31-21-9-16Y

~~NW NE~~ NW NE Section 21, T9S, R16E N W N E

Duchesne County, UT

550' FNL, 2100' FEL PROPOSED FOOTAGES

537' FNL, 2146' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5943.3' 5650'

4. (14) Monument Federal #21-22-9-16Y

NE NW Section 22, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FWL PROPOSED FOOTAGES

673' FNL, 2046' FWL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5875.3' 5700'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

Monument Federal #22-6-9-16Y

SE NW Section 6, T9S, R16E

Duchesne County, UT

1980' FNL, 1980' FWL PROPOSED FOOTAGES

2011' FNL, 1869' FNL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5863.5' 6000'

Monument Federal #31-6-9-16Y

NW NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

624' FNL, 1926' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5855.4' 6000'

Monument Federal #32-6-9-16Y

SW NE Section 6, T9S, R16E

Duchesne County, UT

2200' FNL, 1980' FEL PROPOSED FOOTAGES

2129' FNL, 1792' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5885.3' 6000'

Monument Federal #41-6-9-16Y

NE NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 660' FEL PROPOSED FOOTAGES

560' FNL, 656' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5802.7' 6000'

Monument Federal #44-6-9-16Y

SE SE Section 6, T9S, R16E

Duchesne County, UT

800' FSL, 660' FEL PROPOSED FOOTAGES

816' FSL, 725' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5861.6' 5950'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

34-31

Monument Federal #31-32-8-16

SW SE Section 31, T8S, R16E

Duchesne County, UT

660' FSL, 1980' FEL PROPOSED FOOTAGES

723' FSL 1970' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74389

PTD: 6,500' (Green River formation)

GL: 5832.6' - 6050'

Monument Federal #13-4-9-16

NW SW Section 4, T9S, R16E

Duchesne County, UT

2050' FSL, 660' FWL PROPOSED FOOTAGES

2050' FSL 660' FNL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 73086

PTD: 6,500' (Green River formation)

GL: 5761.2' - 6000'

Monument Federal #31-8-9-16

NW NE Section 8, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

520' FNL, 2076' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 20255

PTD: 6,500' (Green River formation)

GL: 5838' - 6000'

Monument Federal #33-10-9-16

NW SE Section 10, T9S, R16E

Duchesne County, UT

1980' FSL, 1980' FEL PROPOSED FOOTAGES

1980' FSL, 1980' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: 6,500' (Green River formation)

GL: 5646.4' - 5800'

Monument Federal #43-10-9-16

NE SE Section 10, T9S, R16E

Duchesne County, UT

19800' FSL, 660' FEL PROPOSED FOOTAGES

1914' FSL, 722' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: 6,500' (Green River formation)

GL: 5668.6' - 5800'

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #43-10-9-16 43-012-31723

NE/SE SECTION 10, T9S, R16E, SLB&M

Duchesne County, Utah

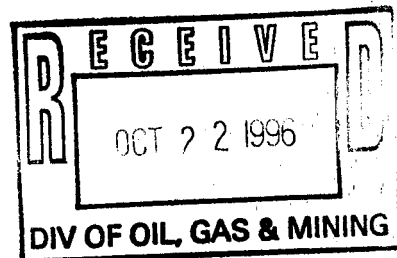
PALEONTOLOGY REPORT

WELLPAD LOCATION, ACCESS ROAD, & GAS LINE

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078

OCTOBER 15, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT
FEDERAL #43-10-9-16, NE/SE Section 10, T9S, R16E, S.L.B.&M, Duchesne Co.,
Utah.

Description of Geology and Topography-

This well location is 10 miles south and 2 miles west of Myton, Utah, 1 mile northwest of Castle Peak Draw. The well location sits just west of an existing road on a fairly flat area on the west edge of the bench. The short access road and east side of the well location has a cover of rock fragments and sand until it drops off the hill on the west side. There are a few rock outcrops on the west side.

All rock outcrops in the area are of the Middle Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

No fossils were found during the survey on the wellpad, road or gas line.

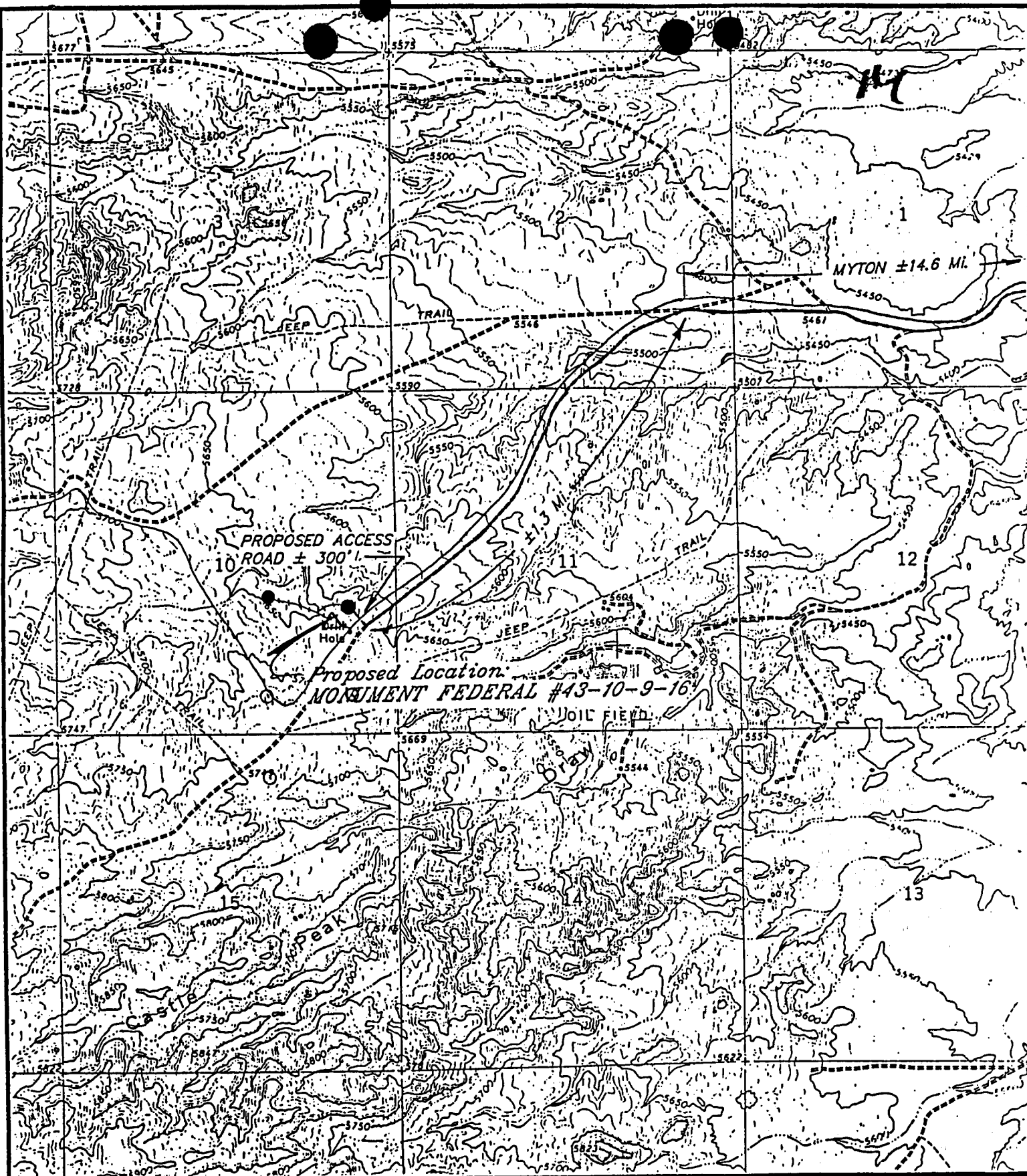
Recommendations-

There is always some potential for encountering significant fossils when working in the Uinta Formation. If important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

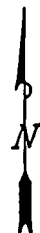
No other recommendations are being made for paleontology at this location.

Alden A. Hamblin
Paleontologist

Date October 15, 1996



- | | |
|------------------------------|--------------------------------|
| ▲ existing gas meter | ▲ proposed gas meter |
| ○ existing location | ● proposed location |
| — existing poly surface line | --- proposed poly surface line |
| — existing road | --- proposed road |



PROPOSED GAS GATHERING

Monument Federal #43-10-9-16

Sec. 10, T9S, R16E



**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

SCALE: 1" = 2000'

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.

UTU-72107

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NE SE Section 10, T9S, R16E 1914' FSL, 722' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

GL 5668.6'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
See Drilling Program/Casing Design			

QUANTITY OF CEMENT

DEC 0 9 1995

DIV. OF OIL, GAS & MINING

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SEP 30 1996

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Assistant Field Manager

DEC 05 1996

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

Mineral Resources

DATE

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

44080-671-220

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 43-10-9-16

API Number: 43-013-31723

Lease Number: U - 72107

Location: NESE Sec. 10 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal Field Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 2,632 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal Field Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2,432 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal Field Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

PA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a multicylinder engine to the pumping unit.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 43-10-9-16

API Number: 43-013-31723

Lease Number: U - 72107

Location: NESE Sec. 10 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal Field Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 2,632 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal Field Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2,432 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal Field Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

PA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a multicylinder engine to the pumping unit.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 9, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 43-10-9-16 Well, 1914' FSL, 722' FEL,
NE SE, Sec. 10, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31723.

Sincerely,


for R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office



Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 43-10-9-16
API Number: 43-013-31723
Lease: UTU-72107
Location: NE SE Sec. 10 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 43-10-9-16

Api No. 43-013-31723

Section 10 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED:

Date 1/24/97

Time 10:00 AM

How ROTARY

Drilling will commence _____

Reported by D. INGRAM

Telephone # _____

Date: 1/27/97 Signed: FRM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE SE Section 10, T9S, R16E
1914' FSL, 722' FEL

5. Lease Designation and Serial No.
UTU-72107

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon. Fed. #43-10-9-16

9. API Well No.
43-013-31723

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other spud

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

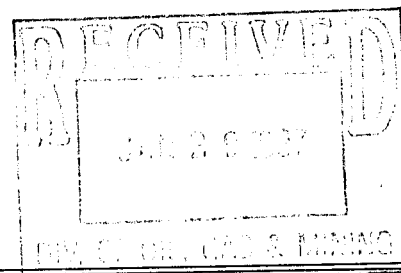
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud 1/25/97.

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title Regulatory Specialist

Date January 27, 1997

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #43-10-9-16

Location: NE SE Section 10, T9S, R16E
Duchesne County, Utah
1914' FSL, 722' FEL

---TIGHT HOLE---

PTD: 5,800' **Formation:** Green River
Monument Butte Prospect
API #43-013-31723

Elevations: 5668.6' GL
Contractor: Union Drilling
Operator: EREC/Western Region

Spud: 1-25-97 @ 8 a.m.
Casing: 8-5/8", 24#, J-55 @ 264.25'
5-1/2", 15.5#, J-55 @ 5796.33' KB
Tubing: 2-7/8", 6.5#, J-55 @ 5608.08' KB

01/25/97 TD: 283' (273') Day 1

Present Operation: Pressure Test BOP

Waited on daylight, finished RU, drilled and set rat hole and conductor. Drilled 12-1/4" hole to 283'. TOOH, ran 6 jts (255') of 8-5/8", J-55, 24# csg as follows:

Shoe	.90'
Shoe Joint	42.30'
Baffle Plate	0.00'
5 Joints Csg	211.05'
Total Casing Length	254.25'
Landing Joint	10.00'
Depth Landed	264.25'

Cemented w/160 axs G + 2% CaCl₂ + 1/4# /ax Cello Flake by BJ services. Spud well @ 8:00 AM. Plug down @ 8:00 PM. Circulated 5 bbls cement to pit. Waited on cement. NU on 8-5/8" csg, presently pressure testing BOP.

DC: \$5,094

CC: \$5,094

01/26/97 TD: 1362' (1079') Day 2

Present Operation: Drill 7-7/8" hole

Finished pressure test BOP, choke and csg. TIH, drilled cement w/plug and shoe. Drilled 7-7/8" hole w/air and foam from 283' to 1362'. Ran survey @ 600' - 3/4° and 1200' - 1°. Serviced rig and changed air head rubber. Presently drilling 7-7/8" hole @ 15 to 20 min/kelly w/air and foam.

DC: \$19,442

CC: \$24,516

01/27/97 TD: 2741' (1379') Day 3

Present Operation: Drill 7-7/8" hole

Drill 1379' of 7-7/8" hole, service rig, run 3 surveys: 1600' - 1°, 2100' - 1-1/4°, and 2600' - 2°.

DC: \$24,822

CC: \$49,338

EREC, Western Region

DAILY OPERATING REPORT

MONUMENT FEDERAL #43-10-9-16

01/28/97 TD: 3850' (1109') Day 4
Present Operation: Circulate hole
Drilled 7-7/8" hole with air & foam from 2741' to 3850'. Loaded hole w/KCL wtr @ 3850'. Circulating to trip for bit #3. Serviced rig and ran surveys @ 3100' - 2° and at 3600' - 2-1/4°.
DC: \$19,962 **CC: \$69,300**

01/29/97 TD: 4519' (669') Day 5
Present Operation: Drill 7-7/8" hole
Circulate hole w/fluid & TIH. Drill 669' of 7-7/8" hole on fluid. Rand 2 surveys: 3850' - 2° and 4450' - 1-3/4°.
DC: \$12,042 **CC: \$81,342**

1/30/97 TD: 5551' (1032) 6
Present Operation: Drill 7-7/8" Hole
Last 24 hrs operation drill 1032' of new 7-7/8" hole, service equipment and ran 1 survey at 5100' - 2°.
DC: \$20,640 **CC: \$101,982**

01/31/97 TD: 5800' (249') Day 7
Present Operation: RU Cementers to cmt 5-1/2" csg.
Drilled 249' of 7-7/8" hole. TD @ 5800'. Circulate hole, service rig, run survey @ 5100' - 1-3/4°. TOOH, LD drill pipe & collars, log well. Drifted, cleaned and strapped csg. Run 5-1/2", J-55, 15.5# csg as follows:

Shoe	.90'
Shoe Joint	42.05'
Float Collar	1.10'
140 jts csg	5742.28'
Total csg length	5786.33'
Landing Joint	10.00'
Depth Landed	5796.33' KB
PBTD	5752.28' KB

Cement 5-1/2" csg with: Lead - 180 sxs Prem-Lite + 10% gel + 6#/sx BA-91 + .5% sod met + 2#/sx Kolseal + 1/4#/sx Cello Flake. Tail - 400 sxs 50/50 poz + 2% Gel + 1/4#/sx Cello Flake + 2#/sx Kolseal. TD @ 11:00 AM, 1-30-97. Plug down @ 5:10 AM 1-31-97. Release Rig @ 9:30 AM, 1-31-97.
DC: \$4,482 **CC: \$106,464**

02/05/97 Completion
MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP. TIH w/4-3/4" bit, 5-1/2" csg scrapper & 185 jts 2-7/8" tbq. Tag PBTD @ 5749' KB. Circulate hole clean w/140 bbls 2% KCL wtr. Press test csg & BOP to 1000 psi, OK. POOH w/20 jts tbq. SWIFD.
DC: \$2,699 **CC: \$109,163**

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #43-10-9-16

02/06/97 Completion

TOOH w/tbg, csg scrapper & bit. RU Cutter Wire Line to run CBL & perf. Run CBL from 5734' KB to 900' KB. TOC @ 1050' KB. Perf 5175' - 5187' & 5189' - 5203', 4 SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 168 jts 2-7/8" tbg. Set BP @ 5261' KB, EOT @ 5133' KB, Pkr @ 5126' KB. RU BJ Services & break down 5175' - 5203' w/3696 gals 2% KCL wtr. ATP = 2200 psi, ATR = 5.4 bpm, ISIP = 1300 psi. Used 88 bbls wtr. Flow back 12 bbls wtr. TOOH w/ tbg, pkr & retrieving tool. SWIFD.

DC: \$13,161

CC:

\$122,324

02/07/97 Completion

RU BJ Services & frac 5175' - 5203' w/23,562 gals 2% KCL wtr, 22,500 lbs 20/40 mesh sand & 55,800 lbs 16/30 mesh sand. ATP - 1950 psi, ATR - 30.0 bpm, ISIP = 2450 psi, 5 min = 1670 psi, 10 min = 1570 psi, 15 min = 1510 psi, 30 min = 1430 psi. Used 361 bbls wtr. Start forced closure flow back, .5 bpm. Flow back 46 bbls oil, 209 bbls wtr, 2% sand, good gas. Oil 70% last 1 hour, final press 85 psi, flowing @ .5 bpm. SWIFD.

DC: \$33,518

CC:

\$155,842

02/08/97 Completion

Thaw well head. Start flowing well @ .5 bpm. Flow back 200 bbls oil, 82 bbls wtr, very good gas & trace of sand. Oil 80% last 3 hours. Flowing. Final pressure 90 psi, flowing @ .6 bpm. Shut well in until 2-10-97.

DC: \$3,259

CC: \$159,101

02/10/97 Completion

Thaw well head. Flow well 1-1/2 hrs @ .5 bpm. RU BJ Services to kill well w/10# brine wtr. Csg 520 psi after 10 minutes shut in. Start Kill. Pressure up tot 4500 psi @ 1/2 bpm/.1 bbls per minute @ 4500 psi. Pumped 38 bbls wtr. Shut down. Flow well back @ 1/4 bpm. Pressure dropped to 430 psi. Flow back 10 bbls wtr. Pump 10 bbls wtr, pressure up to 4500 psi. Shut well in. RD BJ Services. Open well up. Flow back to flat tank. Flow back 43 bbls oil, 34-1/2 bbls wtr. Heat flat tank & RU to flow back to frac tank. Shut down for night.

DC: \$3,516

CC: \$162,617

02/11/97 Completion

Thaw well head. Bleed well down to 40 psi. Install stripping head & spool. TIH w/retrieving tool, 2-3/8" x 2-7/8" crossover, 2-7/8" rupture disk & 162 jts 2-7/8" tbg. Tag sand @ 5062' KB. Pump down tbg, break rupture disk. Circulate hole to kill. Used 112 bbls wtr. SWIFN.

DC: \$3,990

CC: \$166,607

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #43-10-9-16

02/12/97 Completion

Thaw well head, bleed well down. Tag sand. Circulate down to BP @ 5261' KB. Release BP. TOOH w/tbg & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Arrow Set-1 Pkr, 2-3/8" x 5-1/2"	6.20'	5130.97'
1 - Cross over, 2-3/8" x 2-7/8"	.40'	5124.77'
1 - SN, 2-7/8"	1.10'	5124.37'
164 - jts 2-7/8" EUE J-55 8rd 6.5#	5113.27'	5123.27'
KB	10.00'	

ND BOP, ND 5-M well head, NU 3-M well head. Set pkr 2/12,000# tension. Try to swab well in. Could not get swab down. Pump 40 bbls hot wtr down csg. Recovered 14 bbls wtr. SWIFD.

DC: \$18,805

CC: \$185,412

02/13/97 Completion

Bleed well down. No fluid. Could not get swab down. Pump 35 bbls hot wtr down tbg. Make 1 swab run from 2000'. #2 run could not get swab past 900'. Pump swab down to 3000'. Used 5 bbls wtr. #3 run pull from 5000'. Well started flowing. Shut well in. Recovered 70 bbls wtr & 12 bbls wtr. Tbg pressure build up 345 psi in 1/2 hr. RDMO. Total oil recovered 490 bbls estimated. (Note: R-1 zone 4727' - 4730' was not perforated.)

DC: \$9,628

CC: \$195,040

2/18/97 Completion

Start well flowing, 3/4" choke, 125 psi.

DC: \$27,625

CC:

\$222,665

02/19/97 Present Operation: Swab To Make Well Flow

MIRU Basin Well Service Rig #4. Bleed well down. RIH w/bottom swab mandril. POOH w/Mandril. Well started flowing, 90 to 120 psi on 40/64" choke. Flowing 95% oil, estimated. Shut down for night, leave well flowing.

DC: \$1,051

CC: \$223,716

02/20/97 Completion

Bleed well down. ND 3M well head, NU 5M well head, NU BOP. Unset pkr. Circulate down csg & up tbg to clean & kill well. Used 45 bbls wtr. TOOH w/164 jts tbg, SN, 2-3/8" x 2-7/8" cross over & Arrow set-1 pkr. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, 2-3/8" x 2-7/8" cross over, 2-7/8" SN & 153 jts 2-7/8" tbg. Set BP @ 4770' KB. TOOH w/tbg & retrieving tool. SWIFN.

DC: \$5,196

CC: \$228,912

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #43-10-9-16

02/21/97 Completion

RU Cutter Wire Line & perf 4724' - 4730', 4 SPF. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 150 jts 2-7/8" tbg. Set pkr @ 4693' KB, EOT @ 4696.27' KB. RU BJ Services & break down 4727' - 4730' w/2436 gals 2% KCL wtr. ATP = 2600 psi, ATR = 3.9 bpm, ISIP = 1600 psi. Used 58 bbls wtr. Flow back 9 bbls wtr. TOOH w/tbg & retrieving tool. Shut well in until 2-24-97.

DC: \$3,644

CC: \$232,556

02/24/97 Completion

Ru BJ Services & frac 4727' - 4730' w/10,668 gals 2% KCL gelled wtr & 14,190 lbs 16/30 mesh sand. ATP = 2500 psi, ATR = 22.8 bpm, ISIP = 2200 psi, 5 min = 1760 psi, 10 min = 1760 psi. Used 254 bbls wtr. Start forced closure flow back, .5 bpm. Flow back 70 bbls wtr, trace sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 151 jts 2-7/8" tbg. Tag sand @ 4722' KB. Circulate clean to 4763' KB. Set pkr @ 4694' KB. Made 11 swab runs. Recovered 4 bbls oil, 81 bbls wtr & trace of sand. 11 run dry. Wait 3/4 hour, tag fluid @ 4400'. 280' entry. Oil 80% last 2 runs. SWIFD.

DC: \$18,905

CC:

\$251,461

02/25/97 Completion

Fluid level 2300'. Made 4 swab runs. Recovered 16 bbls oil, 2 bbls wtr, trace sand. Swab tbg dry. Oil 80%. Release pkr, tag sand @ 4763' KB. Circulate down to BP. Release BP. TOOH w/tbg, pkr & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched Collar 2-7/8"	.40'	5608.08'
1 - jt 2-7/8" EUE M-50 8rd 6.5#	30.30'	5607.68'
1 - Perf sub 2-7/8" x 4'	4.20'	5577.38'
1 - SN 2-7/8"	1.10'	5573.18'
28 - jts 2-7/8" EUE M-50 8rd 6.5#	870.84'	5572.08'
1 - Tbg anchor 2-7/8 x 5-1/2 (TRICO)	2.75'	4701.24'
150 - jts 2-7/8" EUE M-50 8rd 6.5#	4688.49'	4698.49'
KB	10.00'	

ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/11,000# tension. Flange up well head. NU flow lines. SWIFD.

DC: \$3,440

CC: \$254,901

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #43-10-9-16

02/26/97 Completion

Flush tbg w/35 bbls wtr. Flush flow line. Tih w/rod string as follows:

1 - DHP, 2-1/2 x 1-1/2 x 16 RWAC w/SM plunger (TRICO #1225)

1 - 7/8" x 2' Pony w/2-1/2" guide

1 - 1-1/2" x 25' K-Bar

1 - 7/8" x 2' Pony w/2-1/2" guide

219 - 3/4" x 25' D-61 Plain

1 - 3/4" x 8' Pony

1 - Polish Rod 1-12" x 22' SM

Hang well on. Pressure Test DHPP to 800 psi, OK. Used 2 bbls wtr. Start well pumping, 5 SPM, 86" stroke. RDMO.

DC: \$10,144

CC:

\$265,045

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company
ADDRESS 1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12054	43-013-31716	Monument Fed. #13-4-9-16	NW SW	4	T9S	16E	Duchesne	1-6-97	
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 2-7-97. Lee</i> <i>Entity previously added 13-4-9-16 (12054) p. Lee</i>											
A	99999	12065	43-013-31723	Monument Fed. #43-10-9-16	NE SE	10	9S	16E	Duchesne	1-25-97	
WELL 2 COMMENTS: Spud of a new well.											
A	99999	12066	43-013-31720	Monument Fed. #44-6-9-16Y	SE SE	6	9S	15E	Duchesne	12-30-96	12-30-96
WELL 3 COMMENTS: Spud of a new well.											
A	99999	12067	43-013-31715	Monument Fed. #34-31-8-16	SW SE	31	8S	16E	Duchesne	12-7-96	12-7-96
WELL 4 COMMENTS: Spud of a new well.											
WELL 5 COMMENTS:											

ACTION CODES (See Instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Caswell
Signature
Operations Mgr. 2/7/96
Title Date
Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU-72107

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon.Fed. #43-10-9-16

9. API Well No.
43-013-31723

10. Field and Pool, or Exploratory Area
Mon.Butte/Grn.River

11. County or Parish, State
Duchesne County, UTAH

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE SE Section 10, T9S, R16E 1914' FSL, 722' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other 1st production
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CONFIDENTIAL

This well went on line at 9:30 a.m. on 22/18/97.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Title Regulatory and Environmental Specialist

Date February 19, 1997

Approved by _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #43-10-9-16API number: 43-013-317232. Well Location: QQ NESE Section 10 Township 92 Range 16E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered during drilling operations.	

6. Formation tops: Please see completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 4-14-97Name & Signature: Molly Conrad, Molly ConradTitle: Operations Technician

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-72107
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE SE Section 10, T9S, R16E 1914' FSL & 722' FEL	8. Well Name and No. MONument Fed. #43-10-9-16
	9. API Well No. 43-013-31723
	10. Field and Pool, or Exploratory Area M. Butte/Green River
	11. County or Parish, State Duchesne County, Utah

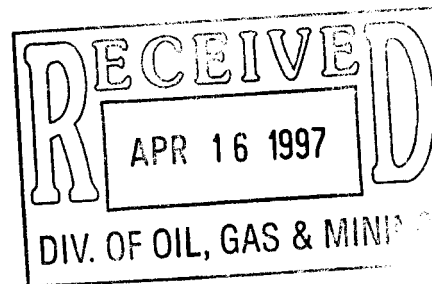
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Onshore Order #7
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, UT. A copy of the state-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another state-approved disposal facility. If applicable, the Operator has received approved Right-of-Way acces to this well location from the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Technician

Date 4-14-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-72107
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE SE Section 10, T9S, R16E 1914' FSL & 722' FEL	8. Well Name and No. Monument Fed. 43-10-9-16
	9. API Well No. 43-013-31723
	10. Field and Pool, or Exploratory Area M. Butte/Green River
	11. County or Parish, State Duchesne County, Utah

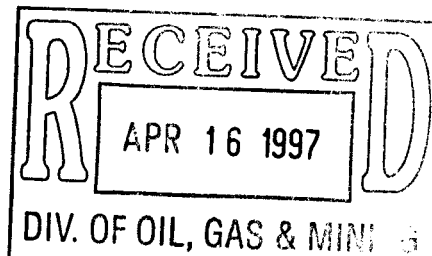
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security Diagram</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Technician

Date 4-14-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

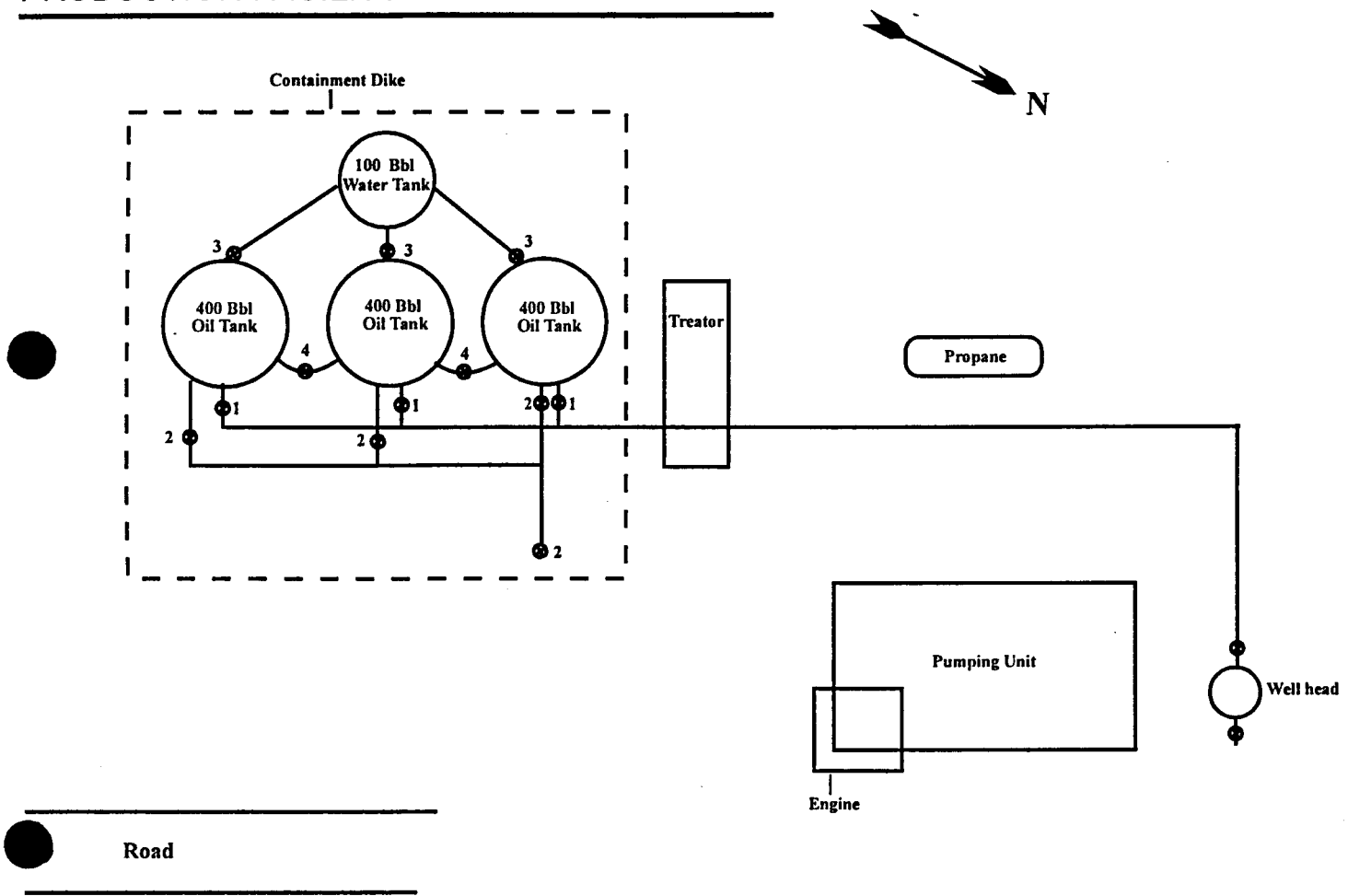
Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side


EQUITABLE RESOURCES ENERGY COMPANY
 Monument Federal 43-10-9-16
 PRODUCTION FACILITY DIAGRAM

Monument Federal 43-10-9-16
 NE SE Sec 10, T9S, R16E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #UTU-72107



Valve Description			
	During Prod.	During Sale	During Water Drain
Valve #1	Open	Closed	Closed
Valve #2	Closed	Open	Closed
Valve #3	Closed	Closed	Open
Valve #4	Open	Closed	Closed

Diagram Not To Scale



PLAN LOCATED AT:
**EQUITABLE RESOURCES
 ENERGY COMPANY**
 Western Region

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

March 19, 1997

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1914' fSL & 722' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31723
DATE ISSUED 12-9-96

15. DATE SPUDDED 1-25-97
16. DATE T.D. REACHED 1-31-97
17. DATE COMPL. (Ready to prod.) 2-26-97
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5668.6' GL
19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5800'
21. PLUG, BACK T.D., MD & TVD 5749'
22. IF MULTIPLE COMPL., HOW MANY* n/a
23. INTERVALS DRILLED BY
ROTARY TOOLS SFC - TD
CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4727' - 5203' Green River
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL SDL/DSN CBL
2-4-97
27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	264.25'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5796.33' KB	7-7/8"	180 sxs Prem-Lite w/additives	None
				400 sxs 50/50 POZ w/additives	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5608.08' KB	n/a

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5175' - 5187' (4 SPF)			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5189' - 5203' (4 SPF)			Please see attachment.	
4727' - 4730' (4 SPF)				

33.* PRODUCTION
DATE FIRST PRODUCTION 2-26-97
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump
WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
	24	n/a		84	38	0	.36 MCF/BBL
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a		84	38	0	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel and sent to Monument Butte Gas Plant
TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS
#32 - Acid, Shot, Fracture, Cement Squeeze ETC.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad
TITLE Operations Technician
DATE 4-14-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			No DST's run.	Green River Horsebench SS 2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Green Marker Black Shale Facies Carbonate Marker	1589' 2220' 3893' 4538' 4693' 4929' 5073' 5338' 5552'		1589' 2220' 3893' 4538' 4693' 4929' 5073' 5338' 5552'

**Attachment to Completion Report
Monument Federal #43-10-9-16
NE SE Section 10, T9S, R16E
Duchesne County, Utah**

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5175' - 5203'	Break down with 3,696 gallons 2% KCL water. Fracture with 22,500# 20/40 mesh sand and 55,800# 16/30 mesh sand with 23,562 gallons 2% KCL gelled water.
4727' - 4730'	Break down with 2,436 gallons 2% KCL water. Fracture with 14,190# 16/30 mesh sand with 10,668 gallons 2% KCL gelled water.

/mc

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-72107

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon.Fed. #43-10-9 -16

9. API Well No.
43-013-31723

10. Field and Pool, or Exploratory Area
Mon.Butte/Grn.River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE SE Section 10, T9S, R16E
1914' FSL, 722' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **CORRECTIONS**
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

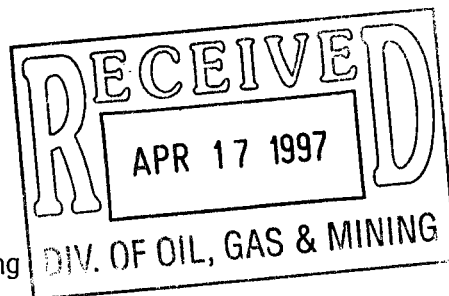
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is a CORRECTION to previously-submitted sundry notices which provided date of first production incorrectly.

The correct date of first production on this well is February 26, 1997.

CONFIDENTIAL



ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: State of Utah; Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Regulatory and

Title Environmental Specialist

Date April 14, 1997

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

County:

QQ, Sec., T., R., M.:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recomplete
☐ Convert to Injection ☐ Reperforate
☐ Fracture Treat or Acidize ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Change of Operator

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Reperforate
☐ Convert to Injection ☐ Vent or Flare
☐ Fracture Treat or Acidize ☐ Water Shut-Off
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

(This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



RECEIVED
OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

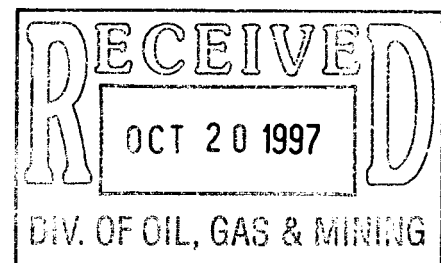
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

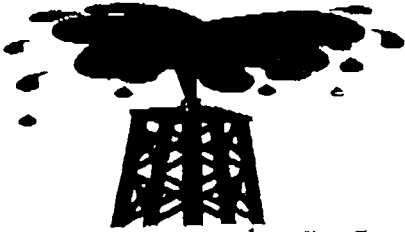
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



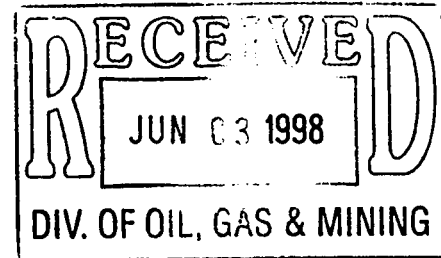
Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*



3160
(U-922)

June 1, 1998

Inland Production Company
c/o Unit Source Incorporated
11184 Huron Street, Suite 16
Denver, CO 80234

Re: Voluntary Termination
Castle Peak Unit
Duchesne County, Utah

Gentlemen:

Your request for termination of the Castle Peak Unit Agreement, Duchesne County, Utah, is hereby approved, effective midnight, May 31, 1998, pursuant to the last paragraph of Section 20 thereof.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each interested owner, lessee, and lessor.

Sincerely,

/s/ Robert A. Henricks
Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

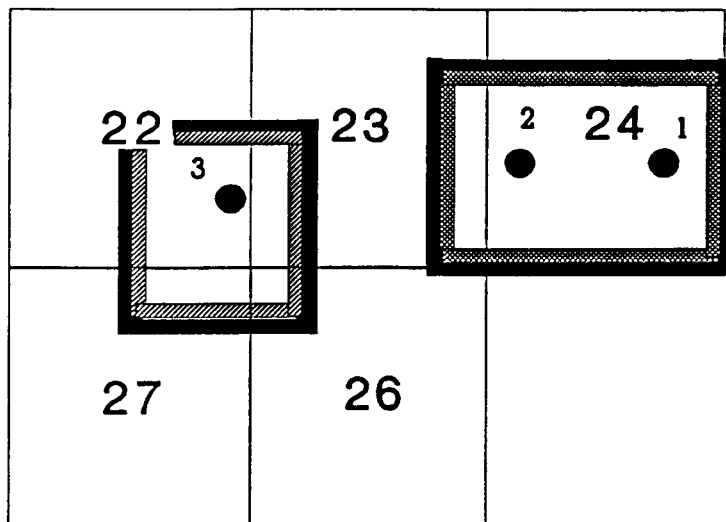
bcc: DM Vernal (w/enclosure)
Castle Peak Unit File
Agr. Sec. Chron.
U-923 (attn: Linda Sorenson)
MMS Data Reference Branch
~~Division of Oil Gas and Mining~~
School and Institutional Trust Lands (w/enclosure)
Fluid Chron
Agr. Sec. Chron.
Tickler (June)

MCoulthard:mc:06/01/98

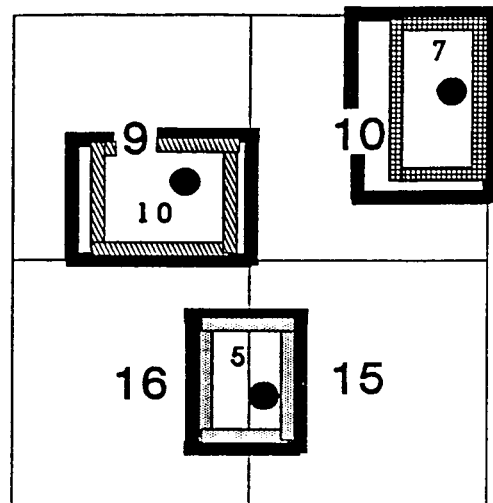
CASTLE PEAK UNIT

Duchesne County, Utah

EFFECTIVE: SEPTEMBER 3, 1962



15E



16E

9S

UNIT OUTLINE (UTU63040X)

GREEN RIVER PA "A"

GREEN RIVER PA "B"

GREEN RIVER PA "C"

GREEN RIVER PA "D"

GREEN RIVER PA "G"

GRRV PA "A"
ALLOCATION
FEDERAL 100.00%
320.00 Acres

GRRV PA "D"
ALLOCATION
FEDERAL 100.00%
120.00 Acres

GRRV PA "B"
ALLOCATION
FEDERAL 100.00%
160.00 Acres

GRRV PA "G"
ALLOCATION
FEDERAL 100.00%
160.00 Acres

GRRV PA "C"
ALLOCATION
FEDERAL 50.00%
STATE 50.00%
160.00 Acres

AS CONTRACTED APRIL 1, 1994

1,600.00 ACRES



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

Phone: (435) 781-4400

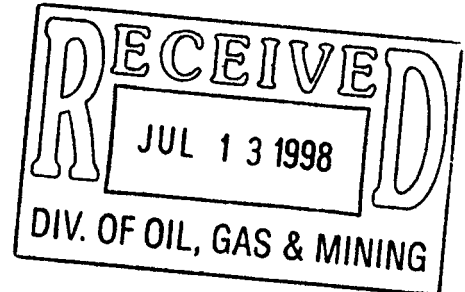
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08438

July 2, 1998



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: Well No. Monument Fed 43-10-9-16
NESE, Sec. 10, T9S, R16E
Lease U-72107
Duchesne County, Utah

43-013-31723

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-ARC	6-EC
2-GLF	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION COMPANY
(address) PO BOX 1446
ROOSEVELT UT 84066

Phone: (435) 722-5103

Account no. N5160

FROM: (old operator)
(address)

EQUITABLE RESOURCES ENERGY
C/O CRAZY MTN O&G SVS'S
PO BOX 577
LAUREL MT 59044

Phone: (406) 628-4164

Account no. N9890

WELL(S) attach additional page if needed:

Name: <u>MON. FED 43-10-9-16</u>	API: <u>43-013-31723</u>	Entity: <u>12065</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>UTU72107</u>
Name: <u>MON. FED 33-10-9-16</u>	API: <u>43-013-31722</u>	Entity: <u>12087</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>UTU72107</u>
Name: <u>CASTLE PK ST 43-16</u>	API: <u>43-013-30594</u>	Entity: <u>01181</u>	S	<u>16</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>ML16532</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- 1 (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
- 1 (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-20-97)*
- N/A The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- 1 **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- 1 Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(7-2-98 St. Well) (7-14-98 Fed. Wells)*
- 1 **Cardex** file has been updated for each well listed above.
- 1 Well **file labels** have been updated for each well listed above.
- 1 Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- 1 A folder has been set up for the **Operator Change** file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) Trust Lands - 80,000 Surety & Hartford Acc. & Indemnity Co.

- Y 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 7/14/98. If yes, division response was made to this request by letter dated 7/14/98.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- Y 1. Copies of documents have been sent on July 14, 1998 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 7/14/98 19 98, of their responsibility to notify all interest owners of this change.

FILMING

- Y 1. All attachments to this form have been microfilmed. Today's date: 9.10.98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

980702 St. Lease well "43-116" to Inland. Awaiting "Fed." aprvl. of other 2.
980714 Blm/Vernal Aprv. 7-2-98.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-72107

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 43-10-9-16

9. API Well No.

43-013-31723

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1914 FSL 0722 FEL NE/SE Section 10, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

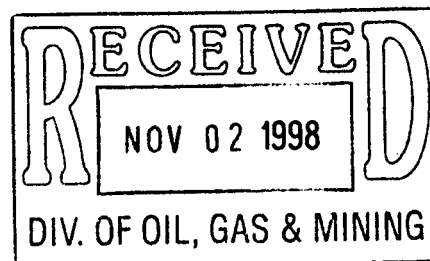
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

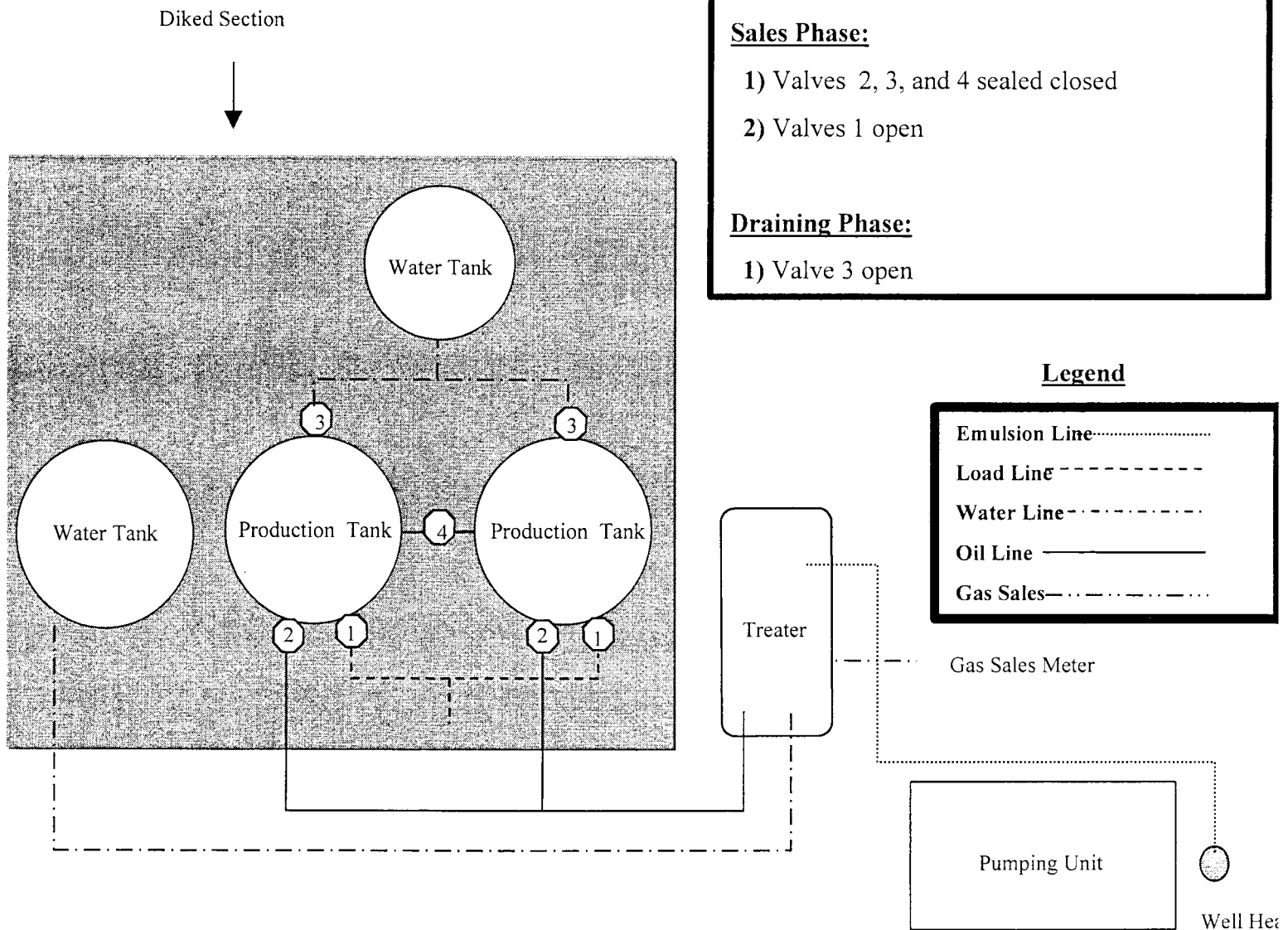
Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Co.

3. Address and Telephone No.

(303) 893-0102

410 Seventeenth Street, Suite 700 Denver, CO 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/SE 1914' fsl, 722' fel Sec. 10, T9S, R16E

5. Lease Designation and Serial No.

U-72107

6. If Indian, Allottee or Tribe Name

NA

7. If unit or CA, Agreement Designation

8. Well Name and No.

Monument Fed 43-10

9. API Well No.

43-013-31723

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Abandonment☐ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Plugging Back☐ Non-Routine Fracturing☐ Casing repair☐ Water Shut-off☐ Final Abandonment Notice☐ Altering Casing☒ Conversion to Injection☐ Other _____☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct

Signed

Joyce I. McGough

Title

Regulatory Specialist

Date

1/11/01

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**



January 8, 2001

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801


RE: Permit Application for Water Injection Well
Monument Federal #43-10-9-16
Monument Butte Field, South Wells Draw Unit, Lease #U-72107
Section 10-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Monument Federal #43-10-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact George Rooney at (303) 893-0102.

Sincerely,


Bill Pennington
Chief Executive Officer

BOARD APPROVAL

7-16-2001

231-04.1



January 8, 2001

Mr. Edwin I. Forsman
Bureau of Land Management
Vernal District Office, Division of Minerals
170 South 500 East
Vernal, Utah 84078

RE: Permit Application for Water Injection Well
South Wells Draw Federal #43-10-9-16
Monument Butte Field, South Wells Draw Unit, Lease #U-72107
Section 10-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the State of Utah. Also enclosed is a copy of the sundry notice of intent.

Should you have any questions, please contact me or George Rooney at 303/893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT FEDERAL #43-10-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
SOUTH WELLS DRAW UNIT
LEASE #U-72107
JANUARY 8, 2001

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Spud Date: 1-25-97

Put on Production: 2-26-97

GL: 5668.6' KB: 5678.6'

Monument Federal #43-10-9-16

Proposed Injection Wellbore Diagram

IP: 84 BOPD, 38 MCFD,
0 BWPD

SURFACE CASING

SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24 #
LENGTH: 5 jts @ 254.25'
HOLE SIZE: 12 1/4"
DEPTH LANDED: 264.25'
CEMENT DATA: 160 sx Class G, est 5 bbls cmt to surface

FRAC JOB

2-07-97 5175'-5203'

Frac sand as follows:
23,562 gals 2% KCL gelled water, 22,500#
20/40 sand, & 55,800# 16/30 sand. Avg
treating press of 1950 psi w/avg rate of 30
BPM. ISIP-2450 psi, 5 min 1670 psi.

2-24-97 4724'-4730'

Frac sand as follows:
10,668 bbls 2% KCL gelled water, 14,190#
16/30 sand. Avg treating press of 2500 psi
w/avg rate of 22.8 BPM. ISIP-2200 psi, 5 min
1760 psi.

PRODUCTION CASING

SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5 #
LENGTH: 140 jts @ 5742.28
HOLE SIZE: 7 7/8"
DEPTH LANDED: 5786.33'
CEMENT DATA: 180 sx Premium Lite &
400 sx 50/50 Poz
CEMENT TOP AT: 1050' per CBL

2693

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", M-50, 6.5 lbs
NO. OF JOINTS: 178 jts (4688.49')
PACKER: 4677
EOT: 4698.49'

Packer @ 4677'

4727'-30'

5175'-87'

5189'-5203'

PERFORATION RECORD

2-06-97	5175'-5187'	4 JSPF	48 holes
2-06-97	5189'-5203'	4 JSPF	56 holes
2-21-97	4727'-4730'	4 JSPF	12 holes



Inland Resources Inc.

Monument Federal #43-10-9-16

1914 FSL 722 FEL

NESE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31723; Lease #U-72107

PBTD @ 5749'
TD @ 5800'
SN @ 5573'

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Monument Federal # 43-10-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the Monument Federal #43-10-9-16 well, the proposed injection zone is from 4727' - 5203'. The confining stratum directly above and below the injection zones is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4727'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Monument Federal #43-10-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-72107) in the Monument Butte (Green River) Field, South Wells Draw Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 264' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5786' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, F-2, and F-3

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2189 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Federal #43-10-9-16, for proposed zones (4727' - 5203') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2189 psig. See Attachment G through G-2.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Federal #43-10-9-16, the injection zone (4727' - 5203') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-10.

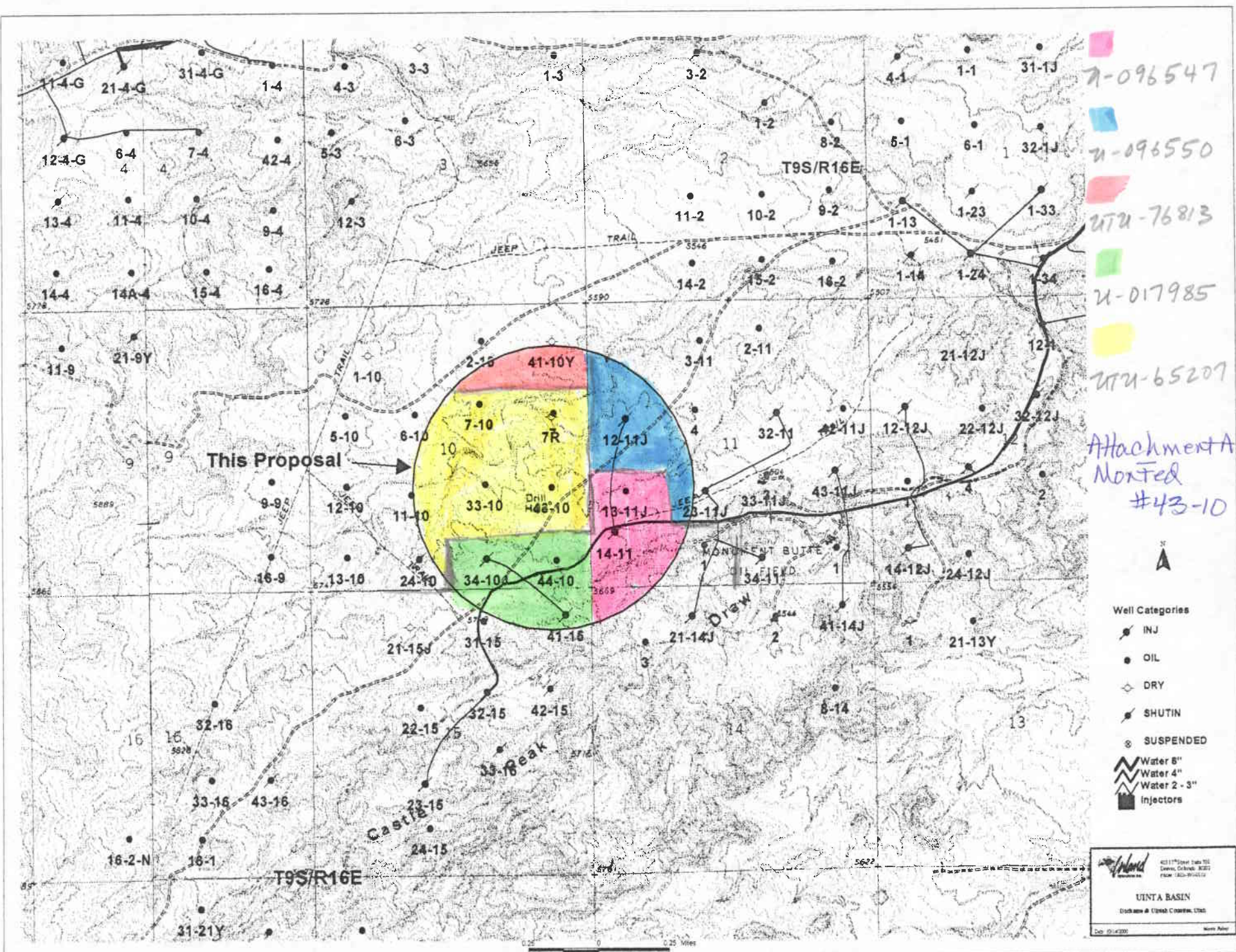
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Inland Production Company will supply any requested information to the Board or Division.



7-096547

u-096550

utu-76813

u-017985

utu-65207

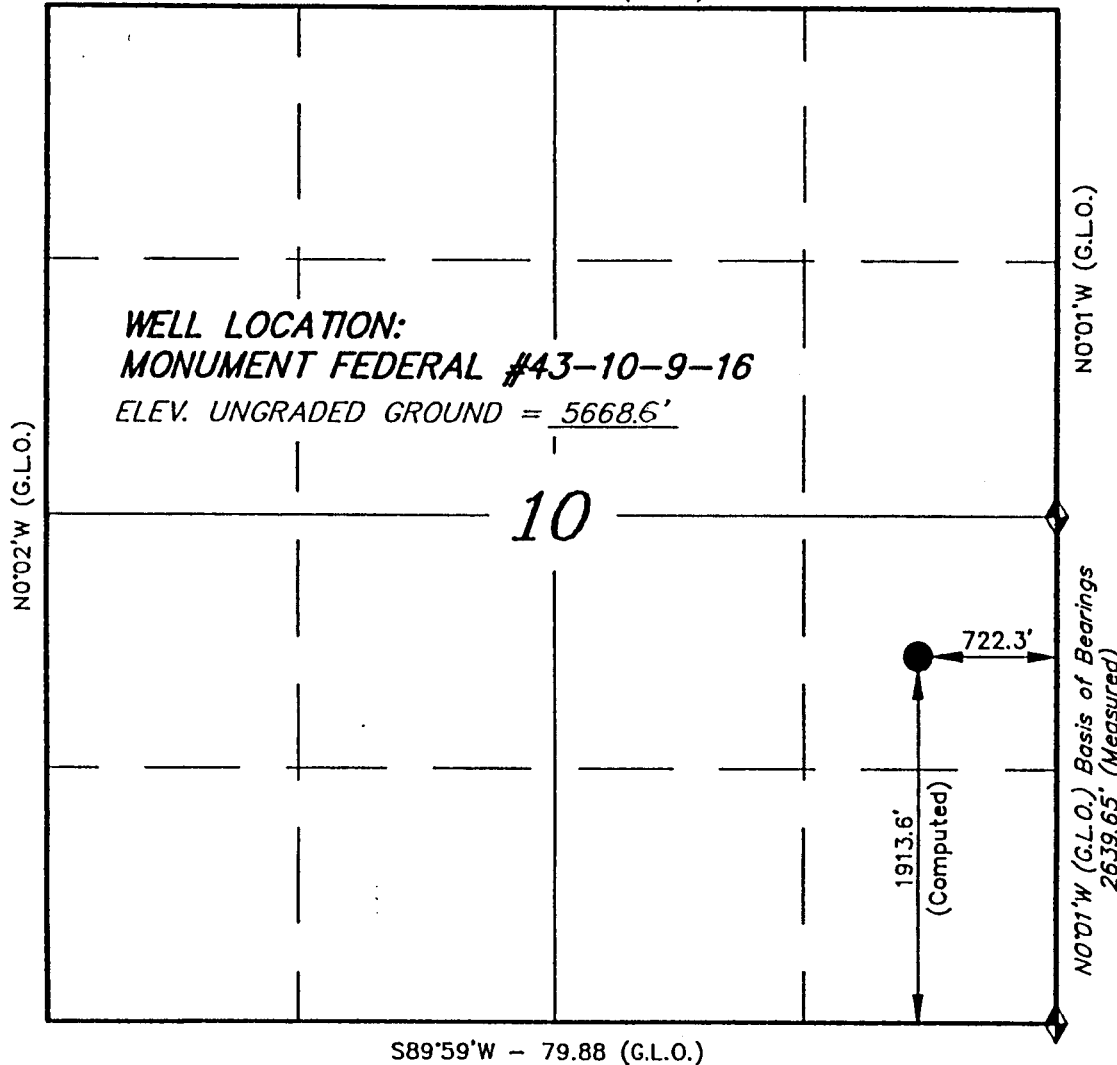
Attachment A
Monte
#43-10

- Well Categories
- INJ
 - OIL
 - DRY
 - SHUTIN
 - SUSPENDED
 - Water 8"
 - Water 4"
 - Water 2 - 3"
 - Injectors

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

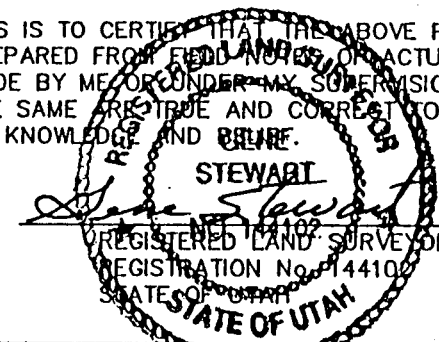
S89°54'W - 79.90 (G.L.O.)



WELL LOCATION, MONUMENT FEDERAL #43-10-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 10, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078

(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 9-8-96

WEATHER: WARM

NOTES:

FILE #

Attachment B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 16 East Section 8: SE/4NE/4 Section 9: NE/4, NE/4NW/4, S/2NW/4 Section 10: N/2 NW/4 Section 35: W/2	UTU-65207 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
2	Township 9 South, Range 16 East Section 10: S/2N/2, N/2S/2, S/2SW/4 Section 15: W/2W/2	UTU-72107 HBP	Inland Production Company	(Surface Rights) USA
3	Township 9 South, Range 16 East Section 10: S/2SE/4 Section 15: E/2, E/2W/2	UTU-017985 HBP	Inland Production Company	(Surface Rights) USA
4	Township 9 South, Range 16 East Section 11: E/2, NW/4, NE/4SW/4 Section 12: NW/4 Section 14: N/2NE/4, SE/4NE/4, NE/4SE/4	UTU-096550 HBP	Inland Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #43-10-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Bill Pennington
Inland Production Company
Bill Pennington
Chief Executive Officer

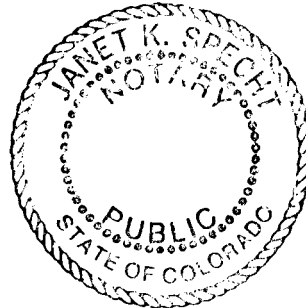
Sworn to and subscribed before me this 11th day of January, 2001.

Notary Public in and for the State of Colorado: _____

Janet K. Specter

My Commission Expires: _____

7/16/01



Spud Date: 1-25-97

Monument Federal #43-10-9-16

Put on Production: 2-26-97

GL: 5668.6' KB: 5678.6' (10'KB)

Wellbore Diagram

Initial Production: 84 BOPD,
38 MCFD, 0 BWPDSURFACE CASING

SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 5 jts @ 254.25'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 264.25'
 CEMENT DATA: 160 sx Class G, est 5 bbls cmt to surface

FRAC JOB

2-07-97 5175'-5203' Frac sand as follows:
 23,562 gals 2% KCL gelled water,
 22,500# 20/40 sand, & 55,800# 16/30
 sand. Avg treating press of 1950 psi
 w/avg rate of 30 BPM. ISIP-2450 psi, 5
 min 1670 psi.

2-24-97 4724'-4730' Frac sand as follows:
 10,668 bbls 2% KCL gelled water,
 14,190# 16/30 sand. Avg treating press
 of 2500 psim w/avg rate of 22.8 BPM.
 ISIP-2200 psi, 5 min 1760 psi.

PRODUCTION CASING

SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 #
 LENGTH: 140 jts @ 5742.28
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5786.33'KB
 CEMENT DATA: 180 sx Premium Lite &
 400 sx 50/50 Poz
 CEMENT TOP AT: 1050' per CBL

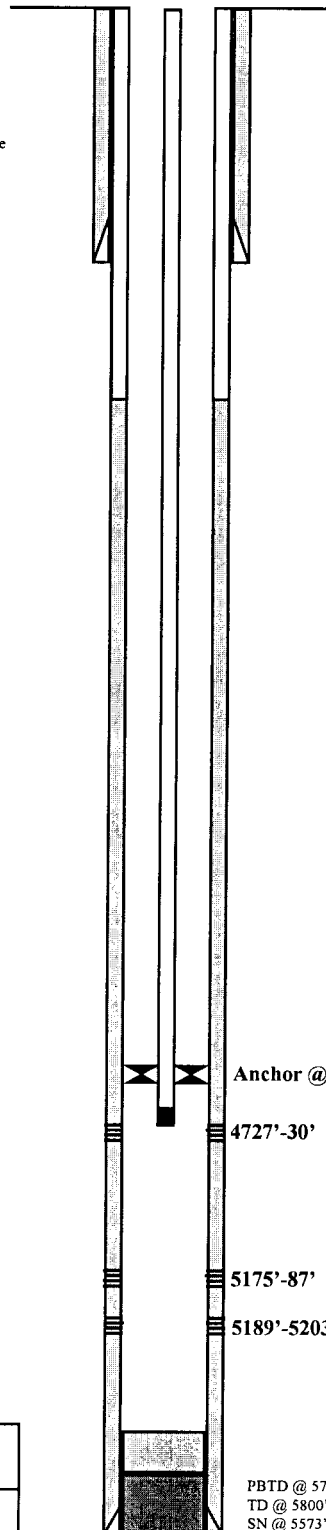
2693

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", M-50, 6.5 lbs
 NO. OF JOINTS: 179 jts
 TUBING ANCHOR: 4701.24'KB
 SEATING NIPPLE: 2 7/8" (1.10")
 TOTAL STRING LENGTH: 4698.08'
 SN LANDED AT: 5573.18'KB
 EOT: 5608.08' KB

SUCKER RODS

POLISH ROD: 1-1/4" x 22'
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED: 3 SPM
 220-3/4" plain, 1-8' x 3/4" pony
 1 - 2'x7/8" scraped pony rod
 1 - 1-1/2" weight rod
 1 - 2'x7/8" scraped pony rod
 pump.



Anchor @ 4701'

4727'-30'

5175'-87'

5189'-5203'

PERFORATION RECORD

2-06-97 5175'-5187' 4 JSPF 48 holes
 2-06-97 5189'-5203' 4 JSPF 56 holes
 2-21-97 4727'-4730' 4 JSPF 12 holes

PBTD @ 5749'
 TD @ 5800'
 SN @ 5573'



Inland Resources Inc.

Monument Federal #43-10-9-16

1914 FSL 722 FEL

NESE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31723; Lease #U-72107

Spud Date: 5-12-98

Put on Production: 6-26-98

GL: 5644' KB: 5654'

S. Wells Draw #7-10-9-16

Wellbore Diagram

Initial Production: 192 BOPD,
190 MCFD, 2 BWPDSURFACE CASING

SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 8 jts @ 315'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 315'
 CEMENT DATA: 120 sx Class G & 15 sx Class G Neat,
 est 7 bbls cmt to surface

PRODUCTION CASING

SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 #
 LENGTH: 135 jts @ 5822'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5833'
 CEMENT DATA: 370 sx 28-72 Poz III &
 375 sx Class G
 CEMENT TOP AT: surface

36'12"

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", M-50, 6.5 lbs
 NO. OF JOINTS: 170 jnts
 SEATING NIPPLE: 2 7/8" (1.10")
 TOTAL STRING LENGTH: 5303'
 EOT:

LOGS: DIGL/SP/GR/CAL 5850'-325'
 CD/CN/GR 5850'-3000'

FRAC JOB

6-21-98 5171'-5238' **Frac A sand as follows:**
 120,000# 20/40 sand in 569 bbls
 Viking Perfs broke @ 2840 psi.
 Treated w/avg press of 1700 psi w/avg
 rate of 33 BPM. ISIP-2150 psi, 5 min
 1930 psi. Flowback on 12/64" ck for 4
 hrs & died.

6-24-98 4806'-4902' **Frac D/C sand as follows:**
 87,000# 20/40 sand in 418 bbls Viking.
 Perfs broke @ 1811 psi. Treated w/avg
 press of 2450 psi w/avg rate of 30
 BPM. Screened out. ISIP-3810 psi, 5
 min 2400 psi. Flowback on 12/64" ck
 for 5-1/2 hrs & died.

6-26-98 4210'-4249' **Frac GB sand as follows:**
 88,500# 20/40 sand in 563 bbls Viking.
 Perfs broke @ 2720 psi. Treated w/avg
 press of 1675 psi w/avg rate of 26.1
 BPM. ISIP-2280 psi, 5 min 2050 psi.
 Flowback on 12/64" ck for 5 hrs &
 died.

PERFORATION RECORD

6-20-98	5171'-5174'	4 JSPF	12 holes
6-20-98	5176'-5180'	4 JSPF	16 holes
6-20-98	5204'-5212'	4 JSPF	32 holes
6-20-98	5228'-5238'	4 JSPF	40 holes
6-23-98	4806'-4810'	4 JSPF	16 holes
6-23-98	4878'-4885'	4 JSPF	28 holes
6-23-98	4897'-4902'	4 JSPF	20 holes
6-25-98	4210'-4216'	4 JSPF	24 holes
6-25-98	4231'-4239'	4 JSPF	32 holes
6-25-98	4242'-4249'	4 JSPF	24 holes

4210'-16'
 4231'-39'
 4242'-49'
 4806'-10'
 4878'-85'
 4897'-4902'
 5171'-74'
 5176'-80'
 5204'-12'
 5228'-38'



Inland Resources Inc.

S. Wells Draw #7-10-9-16

1795 FNL 2053 FEL

SWNE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-32042; Lease #U-72107

PBTD @ 5781'
 TD @ 5850'
 SN @ 5270'

South Wells Draw #11-10

Spud Date: 4/23/98
Put on Production: 6/3/98
GL: 5668' KB: 5680'

Initial Production: 124 BOPD,
132 MCFPD, 11 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (293')
DEPTH LANDED: 293' (GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 16 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5815')
DEPTH LANDED: 5825'
HOLE SIZE: 7-7/8"
CEMENT DATA: 440 sk Hibond mixed & 380 sxs thixotropic
CEMENT TOP AT: 1669' CBL

3109

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50 tbg.
NO. OF JOINTS: 168 jts.
TUBING ANCHOR: 5118'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5247'
SN LANDED AT: 5183'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
SUCKER RODS: 4-3/4" scraped, 104-3/4" plain rods, 94-3/4" scraped
PUMP SIZE: 2-1/2 x 1-1/2 x 16 RHAC pump
STROKE LENGTH: 74"
PUMP SPEED, SPM: 8 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

5/21/98 5127'-5165' **Frac A-1 & A-3 sands as follows:**
97,420# 20/40 sand in 494 bbls Viking I-25 fluid. Perfs brokdown @ 3185 psi. Treated @ avg press of 2200 psi w/avg rate of 28 bpm. ISIP: 3000 psi, 5-min 2640 psi. Flowback on 12/64" choke for 4 hours and died.

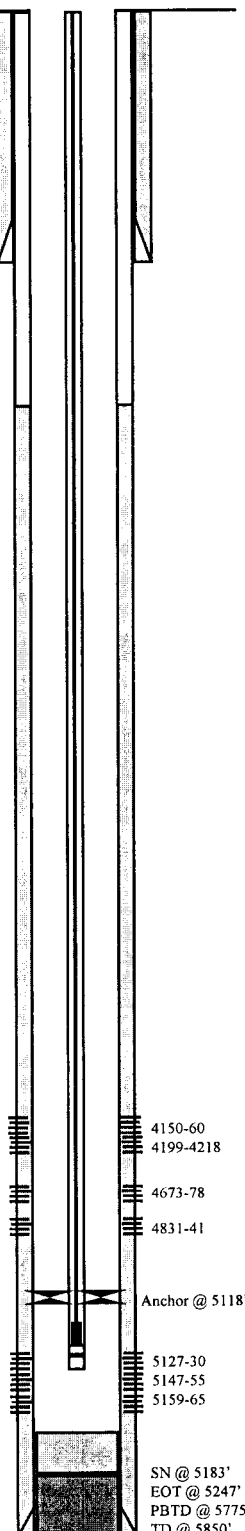
5/26/98 4831'-4841' **Frac C sand as follows:**
97,480# of 20/40 sand in 508 bbls Viking I-25 fluid. Perfs brokdown @ 2860 psi. Treated @ avg press of 2100 psi w/avg rate of 26 bpm. ISIP-2350 psi, 5-min 2230 psi. Flowback on 12/64" choke for 6 hours and died.

5/28/98 4673'-4678' **Frac D-1 sand as follows:**
88,960# 20/40 sand in 476 bbls Viking I-25 fluid. Perfs brokdown @ 3447 psi. Treated @ avg press of 2350 psi w/avg rate of 24 bpm. ISIP: 2500 psi, 5-min 2130 psi. Flowback on 12/64" choke for 2 hours and died.

5/26/98 4831'-4841' **Frac GB-4 & GB-6 sands as follows:**
105,300# of 20/40 sand in 513 bbls Viking I-25 fluid. Perfs brokdown @ 3320 psi. Treated @ avg press of 1900 psi w/avg rate of 28 bpm. ISIP-2300 psi, 5-min 2180 psi. Flowback on 12/64" choke for 5 hours and died.

PERFORATION RECORD

5/20/98	5127'-5130'	4 JSPF	12 holes
5/20/98	5147'-5155'	4 JSPF	32 holes
5/20/98	5159'-5165'	4 JSPF	24 holes
5/22/98	4831'-4841'	4 JSPF	40 holes
5/27/98	4673'-4678'	4 JSPF	20 holes
5/29/98	4150'-4160'	4 JSPF	40 holes
5/29/98	4199'-4218'	4 JSPF	76 holes



SN @ 5183'
EOT @ 5247'
PBD @ 5775'
TD @ 5850'



Inland Resources Inc.

South Wells Draw #11-10

1606' FSL 1898' FWL

NESW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-32045; Lease #UTU-72107

Spud Date: 3-1-97

Put on Production: 4-3-97

GL: 5646' KB: 5656'

Monument Federal #33-10-9-16

Wellbore Diagram

Initial Production: 70 BOPD,
74 MCFD, 0 BWPDSURFACE CASING

SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 5 jts @ 252.20
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 262.20'
 CEMENT DATA: 160 sx Class G, est 10 bbls cmt to surface

FRAC JOB

3-21-97 5142'-5174'

Frac sand as follows:

24,822 gals 2% KCL gelled water,
 23,932# 20/40 sand, & 59,116#
 16/30 sand. Avg treating press of
 1975 psi w/avg rate of 26.8 BPM.
 ISIP-2400 psi, 5 min 1740 psi.

PRODUCTION CASING

SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 #
 LENGTH: 136 jts @ 5765.87'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5775.87'
 CEMENT DATA: 160 sx Premium Lite &
 330 sx 50/50 Poz
 CEMENT TOP AT: 1100' per CBL

1318

TUBING RECORD

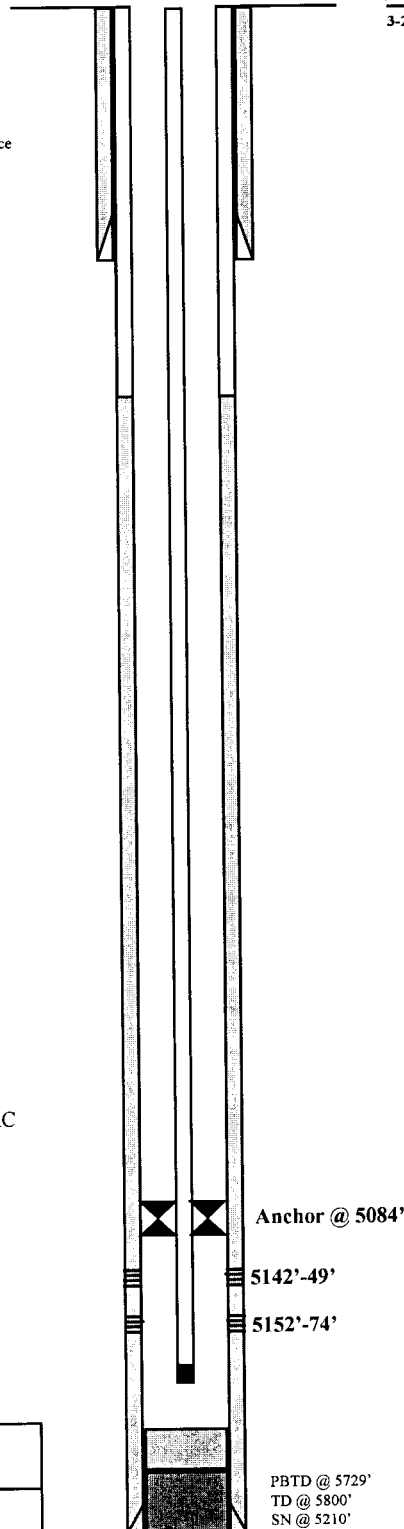
SIZE/GRADE/WT.: 2 7/8", M-50, 6.5 lbs
 NO. OF JOINTS: 165 jnts
 TUBING ANCHOR: 5084'
 SEATING NIPPLE: 2 7/8" (1.10")
 TOTAL STRING LENGTH:
 SN LANDED AT: 5209.97'
 EOT: 5244'

SUCKER RODS

POLISH ROD: 1-1/4" x 22'
 PUMP SIZE: 2-7/8" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 103"
 PUMP SPEED: 5 SPM
 RODS: 1 - 2'x1" scraped pony rod (above pump), 1 - 1-1/2" weight rod, 6 - 1", 16 - 3/4" scraped rods, 183 - 3/4" plain rods, 1 - 8'x3/4" pony rod.

PERFORATION RECORD

3-20-97 5142'-5149' 4 JSPF 28 holes
 3-20-97 5152'-5174' 4 JSPF 88 holes



Anchor @ 5084'

5142'-49'

5152'-74'

PBTD @ 5729'
 TD @ 5800'
 SN @ 5210'



Inland Resources Inc.

Monument Federal #33-10-9-16

1980 FSL 1980 FEL

NWSE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31722, Lease #U-72107

Balcron Monument Federal #34-10J

Wellbore Diagram

Elev. Gr @ 5716'
Elev. @ KB 5726' (10' KB)

UTAH CAUSE NO.: UIC-152

SURFACE CASING

8-5/8", 24#, J-55
Length @ 266.87'
Hole Size @ 12-1/4"
Depth landed @ 274' KB
Cemented w/ 150 sxs Class Class "G" &
1/4#/sx Celoflake
5 BBLs return.

- 274' KB

- Uintah Formation @ Surface to 1400'.

PRODUCTION CASING

5-1/2", K-55, 15.5#
Length @ 5836.04'
Depth landed @ 5832.04' KB
Cemented w/ 110 sxs Hilift &
290 sxs Class "G"
Top of Cement @ 2735' from CBL

Top of Cement @ 2735' KB from CBL.

- Green River Formation @ 1400' to 4100'

TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/ 10' KB)
KB	10.00	
1) 146 jnts 2 7/8" tbg	4606.62	4616.62
2) 2 7/8" SN (2.25" ID)	1.10	4617.72
3) 5.5" Arrow Set-1 Pkr	7.00	4624.72
End of Tubing		4624.72

<- Arrow Set-1 Packer @ 4625' KB

Injection Packers Set 10-5-94 By Mn States.

2 7/8" SN ID @ 2.25".
Arrow Set-1 Pkr set w/ 16" Tension.
Packer Fluid - 55 gals Champion Cortron #23-83
w/ 60 STBW

PERFORATION RECORD

4700' - 4711' (11')	RED 1
4865' - 4872' (7')	RED 5
5015' - 5019' (4')	GREEN 1

Injection Horizons

4700' - 4711' (11')	RED 1
4865' - 4872' (7')	RED 5
5015' - 5019' (4')	GREEN 1

Tracer Survey ran 12-22-94

- Douglas Creek Member @ 4100' to 5350'

PBTD @ 5787.54' KB

TD @ 5850' KB

- Wasatch Formation Transition @ 5350' to 6000'

- Wasatch Formation @ 6000'



Inland Resources Inc.

BALCRON MONUMENT FEDERAL #34-10J
SW SE Section 10, T9S, R16E
592' FSL & 1979' FEL
Jonah Unit/Monument Butte Field
Lease No. U-017985
Duchesne County, Utah

Castle Peak Federal #44-10

Wellbore Diagram

Spud: 2/11/82

Put on Production: 5/15/82

Elev.GR - 5696' GL
Elev.KB - 5709' KB (13' KB)

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24 lbs
LENGTH: 7 jts @ 279.47'
DEPTH LANDED: 12-1/4"
HOLE SIZE: 292' KB
CEMENT DATA: 230 sx, Class H w/ 2% CaCl,
1/4#/sx Flocele. Cemented
to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5 lbs
LENGTH: 159 jts @ 6067.21'
DEPTH LANDED: 7-7/8"
HOLE SIZE: 6077.1' KB
CEMENT DATA: 600 sx Class G w/ additives
& 675 sx 10.0 RFC

CEMENT TOP AT: 280' from CBL
KB80

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
NO. OF JOINTS: 153 jts. @ 4784'
TUBING ANCHOR: None
NO. OF JOINTS: NA
SEATING NIPPLE: 2-7/8" x 1.1'
PERFORATED SUB: None
MUD ANCHOR: 2-7/8" x 30'
TOTAL STRING LENGTH: 4815 ft (EOT @ 4828' KB)
SN LANDED AT: 4798' KB

SUCKER RODS

POLISHED ROD: 1 - 3/4" X 22' Polish Rod
SUCKER RODS: 3 - 3/4" x 4' Pony
2 - 3/4" x 6' Pony
174 - 3/4" x 25' Plain Rods
15 - 3/4" x 25' Scrapered Rods
1 - 3/4" x 2' Pony

TOTAL ROD STRING LENGTH: 4767.5 ft

PUMP NUMBER:
PUMP SIZE: 2-1/2" x 1 1/2" x 16' RWBC

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE: Lufkin 160 (serviced 10-16-92)
PRIME MOVER: Ajax Engine, S/N 79351

LOGS: Dual Induction-SFL/Gamma Ray Log,
Cement Bond / Variable Density Log,
Variable Density Log, FDC-CNL
/ Gamma Ray Log, Cyberlook
Sonic Log, Mud Log.

ACID JOB /BREAKDOWN

4856'-4874' KB	1000 gal 7.5% HCl Acid.
5269'-5296' KB	1000 gal 7.5% HCl Acid.
5570'-5600' KB	1000 gal 7.5% HCl Acid.
5856'-5868' KB	1000 gal 7.5% HCl Acid.

KB

FRAC JOB

4856'-4874' KB	4-29-82 w/ Dowell. 19530 gal YF4PSD w/30000# 20-40 sand & 6120# 10-20 sand. ATR 10 BPM @ 1800 psi, max 4200 psi. ISIP 3100 psi, 15 min 2550 psi, 20 min 2400 psi. Screened Out.
5269'-5296' KB	4-26-82 w/ Dowell. 32000 gal YF4PSD w/47000# 20-40 sand & 16000# 10-20 sand. ATR 10 BPM @ 2150 psi, max 2800 psi. ISIP 2750 psi, 15 min 2500 psi, 30 min @ 2400 psi.
5570'-5600' KB	4-24-82 w/ Dowell. 24000 gal YF4PSD w/33000# 20-40 sand & 12000# 10-20 sand. ATR 10 BPM @ 1450 psi, max 1750 psi. ISIP 1750 psi, 15 min 1600 psi, 20 min 1600 psi.
5856'-5868' KB	4-23-82 w/ Dowell. 20000 gal YF4PSD w/30000# 20-40 sand & 8000# 10-20 sand. ATR 10 BPM @ 2200 psi, max 2600 psi. ISIP 2450 psi, 15 min 1950 psi, 20 min 1800 psi.

PERFORATION RECORD

4856' - 4874' (18')	(2 SPF)	RED5
5269' - 5296' (27')	(2 SPF)	GREEN6
5570' - 5580' (10')	(2 SPF)	BLUE1
5588' - 5600' (12')	(2 SPF)	BLUE1
5856' - 5868' (12')	(2 SPF)	BLUE4

PROPOSED PERFORATIONS (4/94)

4702' - 4705' (3')	(4 SPF)	RED1
5010' - 5014' (4')	(4 SPF)	GREEN1

PROPOSED : 4702' - 4705' KB

SN LANDED @ 4798' KB
EOT LANDED @ 4828' KB

4856' - 4874' KB

PROPOSED : 5010' - 5014' KB

5269' - 5296' KB

5570' - 5580' KB

5588' - 5600' KB

5856' - 5868' KB

PBTD @ 6034' KB
TD @ 6085' KB



Inland Resources Inc.

CASTLE PEAK FEDERAL #44-10

SE SE Sec.10,T9S,R16E

Lease # U-017985

Jonah Unit / Monument Butte Field

Duchesne County, Utah

Balcron Monument Federal #12-11j

Spud: 12/16/93
Put on Production: 2/02/94

Wellbore Diagram

Elev. GL @ 5625'
Elev. KB @ 5635' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
Length @ 263.6'
Hole size @ 12-1/4"
Depth landed @ 271' KB
Cemented w/ 150 sxs Class "G", 2% CCL,
& 1/4#/sx Celoflake
4-5 BBSL cement circulated to pit.

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ 5739'
Hole size @ 7-7/8"
Depth landed @ 5748' KB
Cemented w/ 130 sxs Hi fill &
tail w/ 265 sxs 50-50 POZ
TOC @ 4430' from CBL*

*Calculated TOC @ 1760' -->
(Top of good
bonding @ 4430'
from CBL)

TUBING

2-7/8", 6.5#, J-55
157 jnts @ 4832.96'
TA @ 2-1/2" x 5-1/2" x 2.35'
7 jnts @ 213.14'
SN @ 2-7/8" x 1.1' (2.25" ID)
Perf. Sub @ 2-7/8" x 3.2'
MA @ 2-7/8" x 30.34' w/NC
Total string length @ 5093.09'
SN landed @ 5059.55' KB

ROD STRING

1 - 1-1/4" x 22' Polish Rod SM
1 - 3/4" x 4' Pony
1 - 3/4" x 6' Pony
201 - 3/4" x 25' Plain D-61 Rods

Pump size @ 2-1/2" x 1-1/2" x 16' RWAC

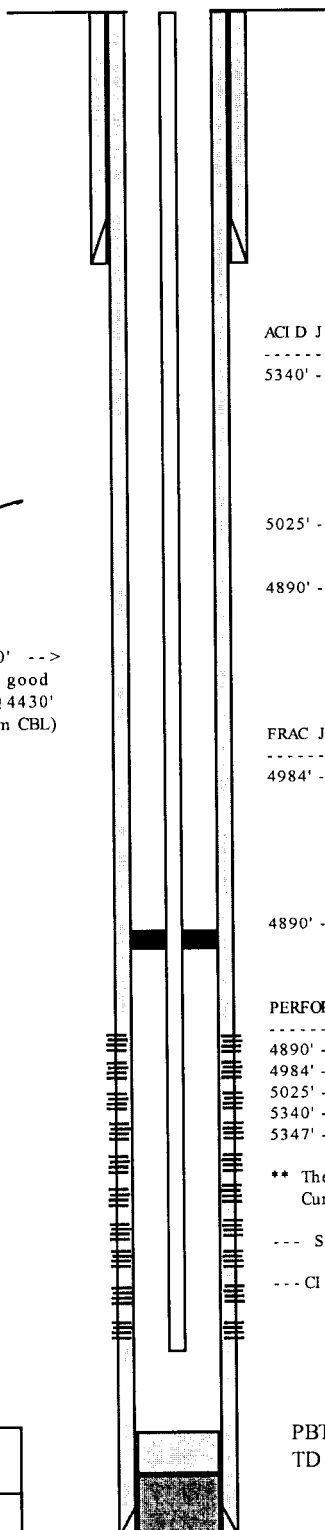
Stroke length @ 88", 3 SPM

Lufkin LM 228D-213-86T
S/N B129378A 525033 w/PA plunger, Pump #1034
Ajax engine E-42, S/N 55060
Two Natco 12' x 20' steel
tanks, S/Ns 76002095-01
& 76002095-02



Inland Resources Inc.

Jonah Unit/Monument Butte Field
Lease No. U-096550
SW NW Section 11, T9S, R16E
Duchesne County, UT



ACID JOBS

5340'-5351' KB 1-19-94: By Western w/ 1000 gals
15% HCL & 336 gals 2% KCL wr.
ATP 2300 psi, max 4000 psi.
ATR 3 BPM max 3.6 BPM ISIP
2100 psi, 5 min 1800 psi, 10 min
1800 psi, 15 min 1800 psi.

5025'-5028' KB 1-20-94: By Western w/ 500 gals
15% HCL.

4890'-4895' KB 1-24-94: By Western w/ 500 gals
15% HCL & 630 gals 2% KCL wr.
ATP 1600 psi, max 1850 psi.
ATR 2.4 BPM max 2.6 BPM
ISIP 1000 psi.

FRAC JOBS

4984'-5028' KB 1-21-94: By Western w/ 28,620# 16/30
mesh sand w/ 14,914 gals 2% KCL gelled
wr. ATP 2300 psi, max 2350 psi.
ATR 28 BPM max 30.1 BPM ISIP
1600 psi, 5 min 1330 psi, 10 min
1200 psi, 15 min 1140 psi.

4890'-4895' KB 1-24-94: By Western w/ 15,300# 16/30
mesh sand w/ 4,872 gals 2% KCL gelled
wr. ATP 2300 psi, max 3000 psi. ATR
19.5 BPM max 28.5 BPM Screened Out.

PERFORATION RECORD

4890'-95' (5')	(2 SPF)	RED 5
4984'-91' (7')	(2 SPF)	GREEN 1
5025'-28' (3')	(2 SPF)	GREEN 1
5340'-44' (4')	(2 SPF)	GREEN 6 **
5347'-51' (4')	(2 SPF)	GREEN 6 **

** These zones have not been frac'd - acid breakdown only
Currently isolated by CIBP.

--- SN @ 5059.55' KB.

--- CIBP @ 5325' KB

PBTD @ 5703' KB

TD @ 5751' KB

Balcron Monument Federal #13-11j

Wellbore Diagram

Spud: 6/20/94

Put on Production: 7/20/94

Elev. GL @ 5630'
Elev. KB @ 5642' (12' KB)

SURFACE CASING

9-5/8", Grade & W unknown
Hole size @ 12-1/4"
Depth landed @ 227' KB
Cemented w/ 200 sxs. Perf'd @
1550' & sqzd 100 sx when P&

PRODUCTION CASING

5-1/2", 15.5#, Grade Unknown
Hole size @ 7-7/8"
Depth landed @ 5250' KB
Cemented w/ 120 sx
TOC at 4580' from CBL
4562

TUBING

2-7/8", 6.5#, J-55
154 jts. @ 4767'
TA @ 2-1/2" x 5-1/2" x 2.35'
12 jts. @ 357'
SN @ 2-7/8" x 1.0' (2.25" ID)
Perf Sub @ 2-7/8" x 4.0'
MA @ 2-7/8" x 31'
Total String Length @ 5160' KB
SN Landed @ 5125' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
204 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 14"
(Trico #1060)

STROKE LENGTH: 72"

PUMP SPEED, SPM: 5 SPM

PUMPING UNIT SIZE: Bethlehem 320-246L-1
S/N C 38340K-342788
Ajax Engine C-42,
8-1/2 x 10, S/N 5801

TANKS: 2 - 12' X 20' 400 Bl
Natco Welded, S/N s
9D917-04, 9D917-05

TREATER: National 4' x 12.5'
S/N ELT5088901-10

ACID / BREAKDOWN INFORMATION

4863'-4867' 12-19-64: 500 gal mud acid.
4858'-4870' 6-28-94: 3360 gal 2% KCl wtr. ATR
4.8 BPM @ 1600 psi, max 4.8 BPM @
2900 psi. ISIP 1000 psi.
5172'-5174' 6-28-94: 2940 gal 2% KCl wtr. ATR
4 BPM @ 2500 psi, max 5.1 BPM @
2900 psi. ISIP 1200 psi.

FRAC INFORMATION

4863'-4867' 12-21-64: 100 Bbls 3% gelled acid
preflush, 8000 gal w/10,000# sand,
2000 gal w/2000# glass beads @ 32
BPM and 2900 psi.

PERFORATION RECORD - Initial Completion

4863' RED5
4867' RED5
5155'-5161' (6') GREEN4
5173' GREEN5

PERFORATION RECORD - Re-Entry

4858'-4870' (12') (4 SPF) RED5
5150'-5162' (12') (4 SPF) GREEN4
5172'-5174' (2') (4 SPF) GREEN5

<--- SN Landed @ 5125' 1



Inland Resources Inc.

BALCRON MONUMENT FEDERAL #13-11J
Jonah Unit/Monument Butte Field
Lease No. U-096547
NWSW Section 11, T9S, R16E
Duchesne County, Utah

PBTD @ 5213' KB
TD @ 5280' KB

43-013-15790

Balcron Monument Federal #14-11j

Wellbore Diagram

Spud: 9/23/93

Put on Production: 10/27/93

Elev. GL @ 5661'
 Elev. KB @ 5671' (10' KB)

SURFACE CASING

8-5/8", 24#, K-55
 Length @ 271.35'
 Hole size @ 12-1/4"
 Depth Landed @ 281' KB
 Cemented w/ 150 sxs "G" w/ 2% CCL
 & 1/4#/sx Celloflake.
 Cement to surface.

UTAH CAUSE NO.:

UIC-152

PRODUCTION CASING

5-1/2", 15.5#, K-55 (132 jts)
 Landed @ 5699.92' KB
 Cemented w/ 136 sxs "G" w/ 4% Trifty-Lite,
 3% Salt, 3#/sx CSI, 1/4#/sx Celloseal; &
 tail w/ 206 sxs 50-50 POZ w/ 2% gel, 10% salt,
 1/4#/sx Celloseal.
 Cement top @ 4020' per CBL
 Hole size @ 7-7/8"

TUBING INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/ 10' KB)
KB	10.00	
1) 165 jts 2 7/8" tbg	5096.85	5106.85
2) 2 7/8" SN (2.25" ID)	1.10	5107.95
3) 2 7/8" x 2 3/8" X-Over	0.60	5108.55
4) 5.5" Arrow Set-1 Pkr	6.20	5114.75
End of Tubing		5114.75

Injection Packers Set 10-11-94 By Mn States.

2 7/8" SN ID @ 2.25"
 Arrow Set-1 Pkr set w/ 16" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83
 w/ 60 STBW

Proposed Injection Horizons

5175' - 5188' (13') GREENS
 5553' - 5556' (3') BLUE1

- 281' KB

Jantah Formation @ Surface to 1400'

Top of Cement @ 4020' KB from CBL.

Green River Formation @ 1400' to 4100'

PERFORATION RECORD

5175' - 5188' (13') (2 SPF) GREENS
 5553' - 5556' (3') (2 SPF) BLUE1

Arrow Set-1 Packer @ 5115' KB

Douglas Creek Member @ 4100' to 5350'

PBSD @ 5668'

TD @ 5720' KB

- Wasatch Formation Transition @ 5350' to

- Wasatch Formation @ 6000'



Inland Resources Inc.

BALCRON MONUMENT FEDERAL #14-11j
 SW SW Section 11, T9S, R16E
 1048' FSE & 446' FWL
 Lease No. U-096547
 Jonah Unit/Monument Butte Field
 Duchesne County, Utah

43-013-31374

Balcron Monument Federal #41-15j

Wellbore Diagram

Spud: 9/22/93
Put on Production: 11/09/93

Elev. Gr @ 5715'
Elev. KB @ 5725 (10' KB)

UTAH CAUSE NO.: UIC-152

SURFACE CASING

8-5/8", 24#, J-55
Length @ 270.26'
Hole size @ 12-1/4"
Depth landed @ 277' KB
Cemented w/ 150 sxs Class "G" w/ 2% CaCl
& 1/4#/sx Flocele. Cnt to surface w/
good returns. 4-5 BBLs cement back.

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ 5691.06'
Hole size @ 7-7/8"
Depth landed @ 5703.06' KB
Cemented w/ 115 sxs Hilite "G" w/ 12% D20
D79, 1/4 sx D112, 5% D44, 2% D46, 1/4
Tail w/ 275 sx Class "G" w/ 6% D60, 2%
TOC @ 2845' from CBL

2870

TUBING/INJECTION STRING

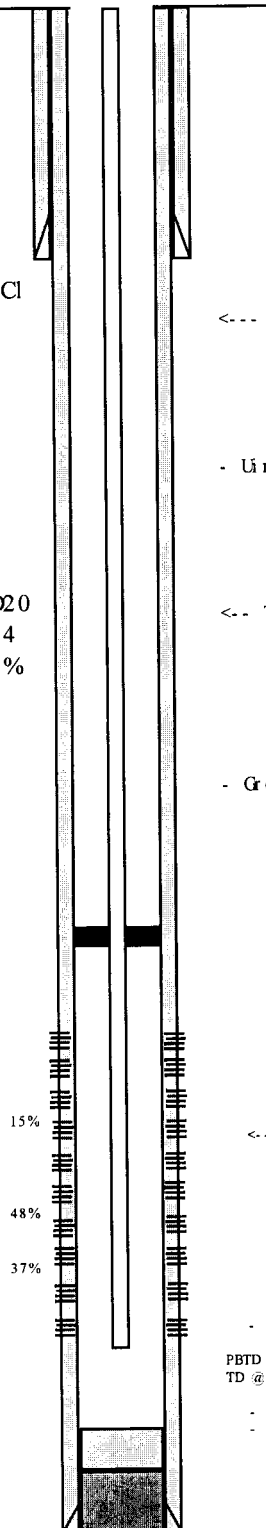
Injection Equipment & Size	Length FT.	Setting Depth FT. (w/ 10' KB)
KB	10.00	
1) 158 jnts 2 7/8" tbg	4882.00	4892.00
2) 2 7/8" SN (2.25" ID)	1.10	4893.10
3) 2 7/8" x 2 3/8" X-Over	0.75	4893.85
4) 5.5" Arrow Set-1 Pkr	6.20	4900.05
End of Tubing		4900.05

Injection Packers Set 10-12-94 By Mn States.
Arrow Set-1 Pkr 5 1/2" x 2 3/8"
2 7/8" SN ID @ 2.25".
Arrow Set-1 Pkr set w/ 15" Tension.
Packer fluid - 55 gals Champion Cortron #23-83
w/ 60 STBW

Injection Horizons

4985' - 4992' (7')	GREEN 1
5554' - 5572' (18')	BLUE 1
5604' - 5614' (10')	BLUE 2

Tracer Survey ran 12-27-94.



<--- 277' KB

- Utah Formation @ Surface to 1400'

<-- Top of Cement @ 2845' from CBL

- Green River Formation @ 1400' to 4100'

<-- Arrow Set-1 Packer @ 4900' KB

PERFORATION RECORD

4985' - 4992' (7')	(2 SPF)	GREEN 1
5554' - 5572' (18')	(10 Holes)	BLUE 1
5604' - 5614' (10')	(6 Holes)	BLUE 2

- Douglas Creek Member @ 4100' to 5350'

PBTD @ 5657.48' KB
TD @ 5716' KB

- Wasatch Formation Transition @ 5350' to 6000'
- Wasatch Formation @ 6000'



Inland Resources Inc.

Balcron Monument Federal #41-15j
NE NE Section 15, T9S, R16E
460' FNL & 500' FEL
Lease No. U-017985
Jonah Unit/Monument Butte Field
Duchesne County, Utah

116 013-31367

Spud Date: 9/18/81
P&A'd: 9/26/81
GL: ?' KB: 5594'

Per State of Utah-DOGM records, this well was drilled by Diamond Shamrock. Current status on file is P&A'd. Cement plug detail was not available.

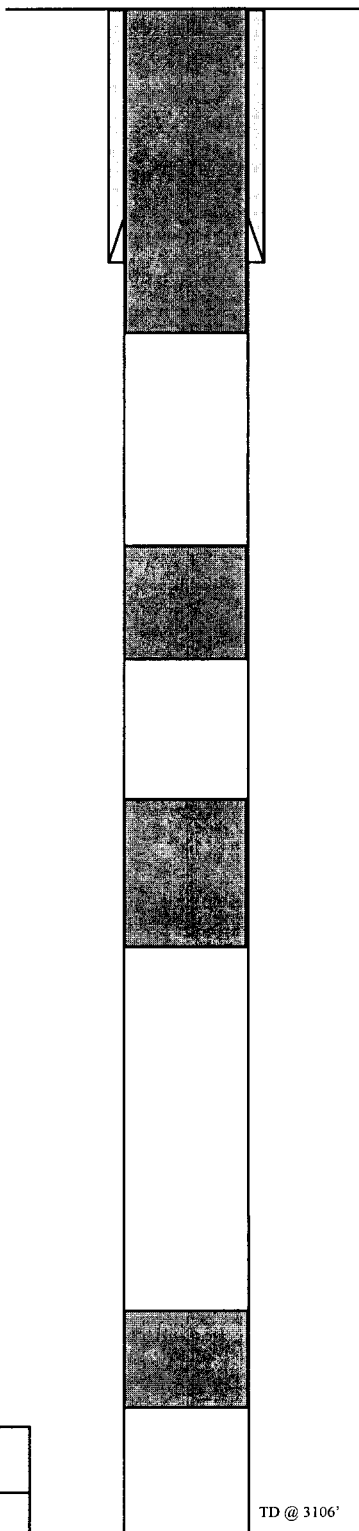
Castle Peak Unit #7 R

P&A Wellbore Diagram

Put on Production: Dry Hole

Cumulative Production

0 BO
0 MCF
0 BW



TD @ 3106'



Inland Resources Inc.

Castle Peak Unit #7 R

2050 FNL 700 FEL
SENE Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-30554; Lease #U-017985

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5068
Fax (435) 722-5727

Attachment F-1

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 1-27-00
Source JOHNSON Date Sampled 1-26-00 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.4</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>240</u>	+ 61 <u>4</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>130</u>	+ 48 <u>3</u> SO ₄
10. Calcium (Ca)	Ca	<u>72</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)	Mg	<u>41</u>	+ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO ₃)		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

<div style="border: 1px solid black; padding: 5px; text-align: center;">4</div>	Ca	←	HCO ₃	<div style="border: 1px solid black; padding: 5px; text-align: center;">4</div>	
	Mg	←	SO ₄		<div style="border: 1px solid black; padding: 5px; text-align: center;">3</div>
	Na	←	Cl		
Saturation Values Distilled Water 20°C					
CaCO ₃		13 Mg/l			
CaSO ₄ · 2H ₂ O		2,090 Mg/l			
MgCO ₃		103 Mg/l			

Compound	Equly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03				
NaCl	58.46	<u>2</u>			<u>117</u>

REMARKS _____

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 8-25-99
Source MBIF Date Sampled 8-25-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Mag/l
1. PH	8.0		
2. H ₂ S (Qualitative)	0		
3. Specific Gravity	1.001		
4. Dissolved Solids		688	
5. Alkalinity (CaCO ₃)		CO ₃ 0	+ 30 0 CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ 430	+ 61 7 HCO ₃
7. Hydroxyl (OH)		OH 0	+ 17 0 OH
8. Chlorides (Cl)		Cl 71	+ 35.5 2 Cl
9. Sulfates (SO ₄)		SO ₄ 0	+ 48 0 SO ₄
10. Calcium (Ca)		Ca 40	+ 20 2 Ca
11. Magnesium (Mg)		Mg 12	+ 12.2 1 Mg
12. Total Hardness (CaCO ₃)		150	
13. Total Iron (Fe)		13	
14. Manganese		0	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

2	Ca	←	HCO ₃	7
1	Mg	←	SO ₄	0
0	Na	←	Cl	2

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Eq. Wt.	X	Mag/l	=	Mag/l
Ca(HCO ₃) ₂	81.04	2			162
CaSO ₄	68.07				
CaCl ₂	55.50	1			73
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62	4			336
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03	2			117
NaCl	58.46				

REMARKS _____

UNICHEM

A Division of BJ Services

435 722 5727

P.O. Box 217
Roosevelt, Utah 84066

Attachment F-3

Office (435) 722-5086

Fax (435) 722-5727

WATER ANALYSIS REPORT

Company Inland Address _____ Date 1/22/00
 Source Mon. Fed 43-10-9-16 Date Sampled 1/19/00 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>8.6</u>		
2. H ₂ S (Qualitative)	<u>2.0</u>		
3. Specific Gravity	<u>1.005</u>		
4. Dissolved Solids		<u>5,139</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>1,708</u>	+ 61 <u>28</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>1,700</u>	+ 35.5 <u>48</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>40</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)	Mg	<u>12</u>	+ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>150</u>	
13. Total Iron (Fe)		<u>1.5</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Equiv. Wt.	X	Mg/l	=	Mg/l
<div> <div>2</div> <div>1</div> <div>73</div> </div> <div> <div>Ca</div> <div>Mg</div> <div>Na</div> </div> <div> <div>HCO₃</div> <div>SO₄</div> <div>Cl</div> </div> <div> <div>28</div> <div>0</div> <div>48</div> </div>	Ca(HCO ₃) ₂	81.04		<u>2</u>		<u>162</u>
	CaSO ₄	68.07				
	CaCl ₂	55.50				
	Mg(HCO ₃) ₂	73.17		<u>1</u>		<u>73</u>
	MgSO ₄	60.19				
	MgCl ₂	47.62		<u>25</u>		<u>2,100</u>
	NaHCO ₃	84.00				
	Na ₂ SO ₄	71.03		<u>48</u>		<u>2,806</u>
	NaCl	58.46				

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

Complete & Compat.

REMARKS _____

Received Time Jan. 25. 11:50AM

435 722 5727

Attachment F-4

AQUAMIX SCALING PREDICTIONS

COMPANY: Inland Production Company
 LOCATION:
 SYSTEM:

1/22/01

	Johnson Water	Mon. Fed. 43-10-9-16
WATER DESCRIPTION:	0	0
P-ALK AS PPM CaCO ₃	0	2801
M-ALK AS PPM CaCO ₃	393	0
SULFATE AS PPM SO ₄	130	1700
CHLORIDE AS PPM Cl	71	0
HARDNESS AS PPM CaCO ₃	0	100
CALCIUM AS PPM CaCO ₃	180	49
MAGNESIUM AS PPM CaCO ₃	169	1679
SODIUM AS PPM Na	46	0
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	5139
TOTAL DISSOLVED SOLIDS	600	100
TEMP (DEG-F)	100	8.6
SYSTEM pH	7.4	

WATER COMPATIBILITY CALCULATIONS

Johnson Water AND Mon. Fed. 43-10-9

CONDITIONS: pH=8. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS Johnson Water

% Water	STIFF DAVIS CaCO ₃ INDEX	lbs/1000 BBL EXCESS CaCO ₃	mg/l BaSO ₄ IN EXCESS OF SATURATION	mg/l SrO ₄ IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.93	51	0	0	0
90	1.09	53	0	0	0
80	1.19	52	0	0	0
70	1.26	51	0	0	0
60	1.30	48	0	0	0
50	1.32	46	0	0	0
40	1.34	43	0	0	0
30	1.34	41	0	0	0
20	1.34	38	0	0	0
10	1.33	35	0	0	0
0	1.31	33	0	0	0

Attachment "G"

**Monument Federal #43-10-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
Top	Bottom					
4727	4730	4729	2200	0.898	2189	←
5175	5187	5181	2450	0.906	2436	
5189	5203	5196	2450	0.905	2435	
				Minimum	<u>2189</u>	

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$

Monument Federal #43-10-9-16



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

Attachment G-1

TREATMENT REPORT

DATE OF TREATMENT: 2-7-96

Well Name MONUMENT FED. 43-10-9-16 Sec. 10 TWN. 9 S RNG. 16 E
 Field MONUMENT BUTTE County DUCHESNE State UT.
 Formation: GREEN RIVER (G-5 ZONE)
 Perforations: 5175-87, 5189-5203

Treatment Type: SAND FRAC Total Number of Holes: 104
 Treatment Company: BJ SERVICES SAND CHARACTERISTICS

IN	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL'S	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
5	86	3600	2% KCL WATER (PAD)	0	30.2	2160	+	#	#
114	29	1100	"	2	30.0	2130	20/40	2200 #	#
162	43	1700	"	4	30.0	2050	20/40	6800 #	#
241	79	2700	"	5	29.9	1710	20/40	13500 #	#
402	161	5300	"	6	29.7	1610	16/30	31800 #	#
526	107	3400	"	7	29.7	1570	16/30	23800 #	#
649	122	5124	FLUSH	0	30.5	2790	+	#	#
							1	#	#
							1	#	#
							1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
23,562 gal. 2% KCL WATER Fluid

TOTAL SAND VOLUME: 22,500 lbs. 20/40 sand
55,800 lbs. 16/30 sand
 _____ lbs. 1 sand

Flushed well with 5124 gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 561 BLTR

Avg. Treating Pressure = 1950 psi, max = 2790 psi, min. = 1610 psi.

Avg. Treating Rate = 30.0 bpm, max = 30.6 bpm, min. = 29.7 bpm.

ISIP = 2450 psi, 5 min. = 1670 psi, 10 min. = 1570 psi, 15 min. = 1510 psi.

Well will be shut in for 0 hours before bringing back fluid. 30 min. = 1430 psi.

REMARKS: 8 BBL. TO LOAD HOLE

START FORCED CLOSURE FLOW BACK, .5 BPM

FRAC GRADIENT: .912 Wellsite Supervisor: Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

BALCON OIL DIVISION

 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

Attachment G-2 TREATMENT REPORT

DATE OF TREATMENT: 2-24-97

Well Name MONUMENT FED. 43-10-9-16 Sec. 10 TWN. 9S RNG. 16E
 Field MONUMENT BUTTE County DUCHESNE State UT
 Formation: GREEN RIVER (R-1 ZONE)
 Perforations: 4727-30

Treatment Type: SAND FRAC Total Number of Holes: 12Treatment Company: BJ SERVICES

SAND CHARACTERISTICS

TPTL F2/N	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBLs	CLEAN GAL		#/GAL	BPM	PSI		CALC.	ACTUAL
49	101 49	43	2000	2% KCL WATER (PAD)	0	27.3	2750	+	— # — #
64	66	16	600	"	2	25.6	2850	16/30	1200 # #
79	83	17	600	"	4	22.4	2890	16/30	2400 # #
27	144	38	1200	"	7	22.0	2310	16/30	8400 # #
39	257	112	4704	" (FLUSH)	0	22.6	3000	+	— # — #
							1		# #
							1		# #
							1		# #
							1		# #
							1		# #

TOTAL FLUID PUMPED: _____ gal. _____ % Acid

_____ 10,660 gal. 2% KCL WATER Fluid

TOTAL SAND VOLUME: _____ lbs. _____ 16130 sand

_____ lbs. 1 sand

_____ lbs. 1 sand

Flushed well with _____ 4704 gal. of 2% KCL WATER

_____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover _____ 254 BLTR.

Avg. Treating Pressure = _____ 2500 psl, max = _____ 3000 psl, min. = _____ 2310 psl.

Avg. Treating Rate = _____ 22.4 bpm, max = _____ 27.3 bpm, min. = _____ 22.0 bpm.

ISIP = _____ 2200 psl, 5 min. = _____ 1760 psl, 10 min. = _____ 1760 psl, 15 min. = _____ psl.

Well will be shut in for _____ 0 hours before bringing back fluid. 30 min. = _____ psl.

REMARKS: _____ 1 BBL. TO LOAD HOLE

FRAC GRADIENT: .905

1/20/96 vk

Wellsite Supervisor: Dale Griffin

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 178' plug from 5075'-5253' with 30 sx Class "G" cement.
2. Plug #2 Set 153' plug from 4627'-4780' with 30 sx Class "G" cement.
3. Plug #3 Set 200' plug from 2000'-2200' with 30 sx Class "G" cement.
4. Plug #4 Set 100' plug from 214'-314' (50' on either side of casing shoe) with 15 sx Class "G" cement.
5. Plug #5 Set 50' plug from surface with 10 sx Class "G" cement.
6. Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 264' to surface.

The approximate cost to plug and abandon this well is \$18,000.

Monument Federal #43-10-9-16

Spud Date: 1-25-97

Put on Production: 2-26-97

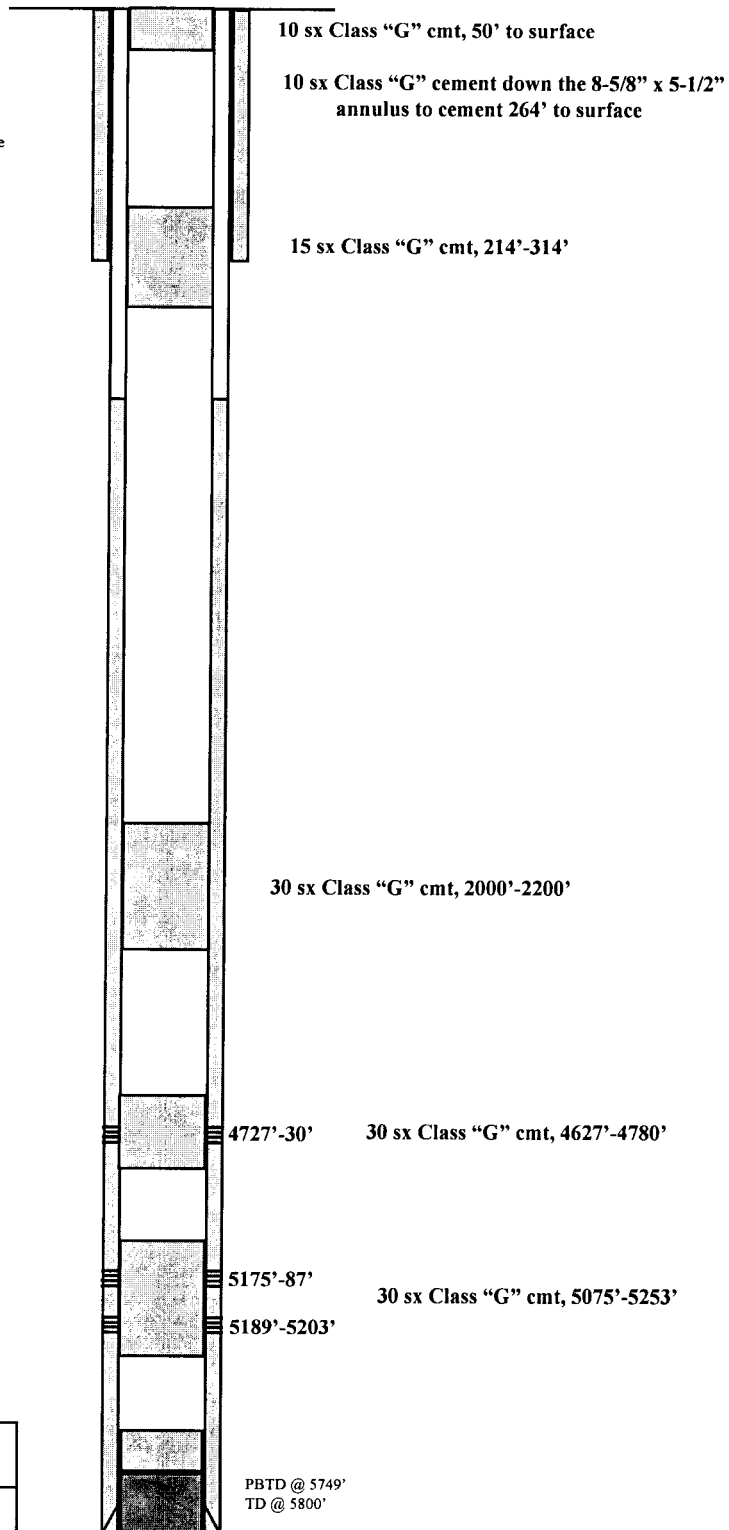
GL: 5668.6' KB: 5678.6'

Proposed P&A
Wellbore DiagramSURFACE CASING

SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 5 jts @ 254.25'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 264.25'
 CEMENT DATA: 160 sx Class G, est 5 bbls cmt to surface

PRODUCTION CASING

SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 #
 LENGTH: 140 jts @ 5742.28
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5786.33'
 CEMENT DATA: 180 sx Premium Lite &
 400 sx 50/50 Poz
 CEMENT TOP AT: 1050' per CBL



Inland Resources Inc.

Monument Federal #43-10-9-16

1914 FSL 722 FEL

NESE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31723; Lease #U-72107

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** South Wells Draw 43-10-9-16

Location: 10/9S/16E **API:** 43-013-31723

Ownership Issues: The proposed well is located on BLM land. The well is located in the South Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the South Wells Draw Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 264 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5786 feet and has a cement top at 2693'. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4677 feet. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells and 2 injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1700 feet. Injection shall be limited to the interval between 4727 feet and 5203 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 43-10-9-16 well is .898 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2189 psig. The requested maximum pressure is 2189 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

South Wells Draw 43-10-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the South Wells Draw Unit July 16, 2001. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date 06/12/2001

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-72107	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME SO WELLS DRAW	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME MONUMENT FEDERAL 43-10-9-16	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. MONUMENT FEDERAL 43-10-9-16	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE Section 10, T09S R16E 1914 FSL 722 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Section 10, T09S R16E	
14. API NUMBER 43-013-31723	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5669 GL	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Injection Conversion	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a producing to an injection well on 8/13/01. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly 4634'. On 8/14/01 Mr. Dan Jackson w/EPA and Mr. Dennis Ingram w/ State DOGM was contacted and gave permission conduct a MIT on the casing. On 8/21/01 the casing was pressured to 1160 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test. The well is shut in and waiting on permission to inject.

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Krishna Russell</u>	TITLE <u>Production Clerk</u>	DATE <u>8/23/01</u>
Krishna Russell		

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8/21/01
Test conducted by: Inland Production / Brent Cook
Others present: _____

Well Name: <u>MF 43-10-9+16</u>	Type: ER SWD	Status: AC TA UC	
Field: <u>So. Wells Draw</u>			
Location: <u>43</u> Sec: <u>10</u> T <u>9</u> N/S R <u>16</u> E/W County: <u>Duch</u> State: <u>Ut</u>			
Operator: <u>Inland Production</u>			
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure:	PSIG	

Is this a regularly scheduled test? ☐ Yes ☐ No
 Initial test for permit? ☒ Yes ☐ No
 Test after well rework? ☐ Yes ☐ No
 Well injecting during test? ☐ Yes ☐ No If yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial pressure	<u>0</u> psig	psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig	psig
CASING/TUBING ANNULUS PRESSURE				
0 minutes	<u>1160</u> psig	psig	psig	psig
5 minutes	<u>1160</u> psig	psig	psig	psig
10 minutes	<u>1160</u> psig	psig	psig	psig
15 minutes	<u>1160</u> psig	psig	psig	psig
20 minutes	<u>1160</u> psig	psig	psig	psig
25 minutes	<u>1160</u> psig	psig	psig	psig
30 minutes	<u>1160</u> psig	psig	psig	psig
____ minutes	psig	psig	psig	psig
____ minutes	psig	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Signature of Witness:_____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: / /

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what

If YES - followup initiated? ☐ YES

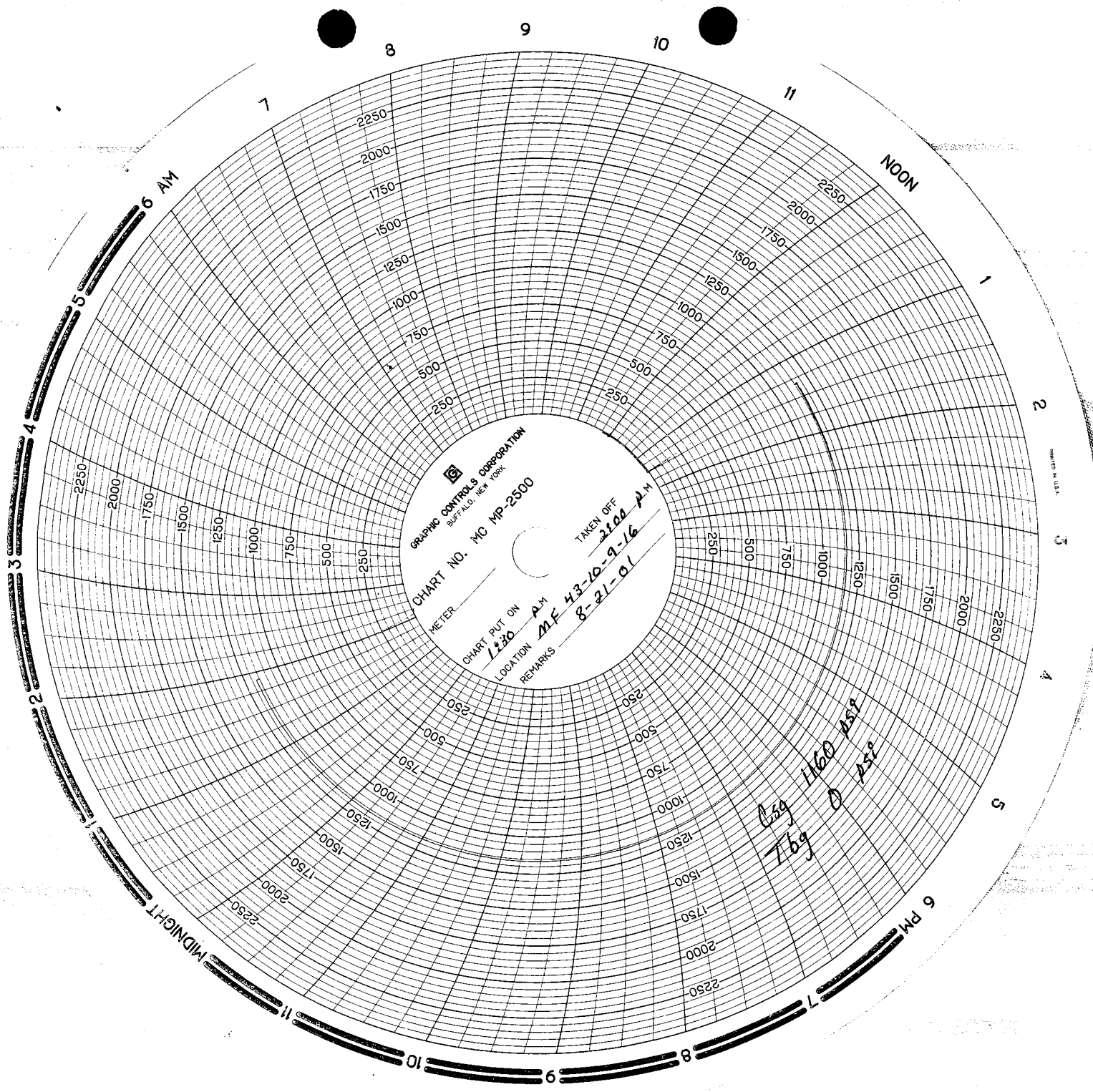
☐ NO - why not? _____

[] Data Entry

☐ Compliance Staff

[] 2nd Data Entry

☐ Hardcopy Filing



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-2500
METER

CHART PUT ON 1230 AM
LOCATION MF 43-10-9-16
REMARKS 8-21-01
TAKEN OFF 2100 PM

65g 1160 Hz
76g 0 Hz



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

B#

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. 231-04

Operator: Inland Production Company
Well: Monument Federal 43-10-9-16
Location: Section 10, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31723
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 16, 2001.
2. Maximum Allowable Injection Pressure: 2189 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4727 feet - 5203 feet)

Approved by:


John R. Baza
Associate Director, Oil And Gas

8/28/2001
Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1914 FSL 722 FEL NE/SE Section 10, T09S R16E

5. Lease Designation and Serial No.

UTU-72107

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SO WELLS DRAW

8. Well Name and No.

MON FED 43-10-9-16

9. API Well No.

43-013-31723

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Report of first injection**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was put on injection at 11:30 a.m. on 9/4/01.

RECEIVED

SEP 06 2001

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

Thando Rabin

Title

Permit Clerk

Date

9/4/01

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

April 10, 2003

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Workover/MIT
Monument Fed 43-10-9-16
Sec. 10, T9S, R16E
API#: 43-013-31811

Dear Mr. Jarvis:

The subject well developed a packer leak and was subsequently repaired, followed by the conducting of an MIT on the casing. Attached are the sundry, tabular, and a copy of the chart. If you have any questions or need further information, please let me know.

Sincerely,

Martha Hall
Office Manager

/mh
Enclosures

RECEIVED

APR 11 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-72107	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME SO WELLS DRAW	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE Section 10, T9S R16E 1914 FSL 0722 FEL		8. FARM OR LEASE NAME MONUMENT FED 43-10-9-16	
		9. WELL NO. MONUMENT FED 43-10-9-16	
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., P., M., OR BLK. AND SURVEY OR AREA NE/SE Section 10, T9S R16E	
14. API NUMBER 43-013-31723	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5669 GL	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Packer leak/MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well was noted to have a leak in the packer on 4/2/03. A rig was moved on and the leak was repaired on 4/3/03. On 4/7/03, Mr. Dennis Ingram with the State of Utah DOGM was contacted and gave permission to conduct an MIT on the casing. On 4/9/03, the casing was pressured to 1240 psig and charted for 30 minutes with no pressure loss. There was not a state representative available to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED	<u>Martha Hall</u>	TITLE	<u>Office Manager</u>	DATE	<u>4/10/2003</u>
	Martha Hall				

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

RECEIVED
APR 11 2003
DIV OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 4 / 9 / 03 Time 9:00 am pm

Test Conducted by: BRET HENRIE

Others Present: _____

Well: MONUMENT FEDERAL 43-10-9-16

Field: SOUTH WELLS DRAW UNIT

Well Location: NE 1/4 Sec. 10, T9S, R16E

API No: 43-013-31723

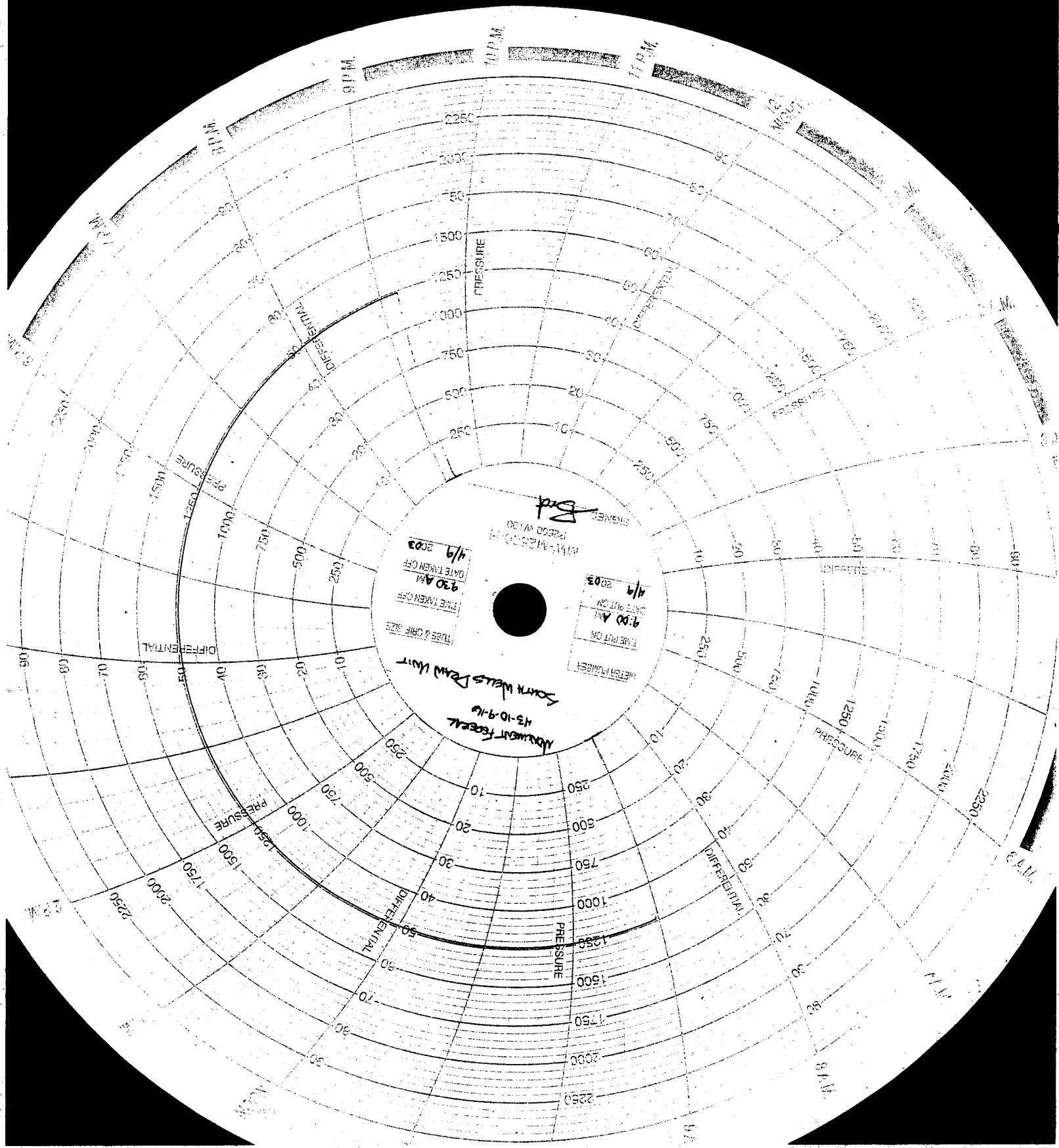
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1240</u>	psig
5	<u>1240</u>	psig
10	<u>1240</u>	psig
15	<u>1240</u>	psig
20	<u>1240</u>	psig
25	<u>1240</u>	psig
30 min	<u>1240</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 420 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Bret Henrie



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-72107	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME SO WELLS DRAW	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME MONUMENT FED 43-10-9-16	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. MONUMENT FED 43-10-9-16	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE Section 10, T9S R16E 1914 FSL 0722 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Section 10, T9S R16E	
14 API NUMBER 43-013-31723	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5669 GL	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Packer leak/MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well was noted to have a leak in the packer on 4/2/03. A rig was moved on and the leak was repaired on 4/3/03. On 4/7/03, Mr. Dennis Ingram with the State of Utah DOGM was contacted and gave permission to conduct an MIT on the casing. On 4/9/03, the casing was pressured to 1240 psig and charted for 30 minutes with no pressure loss. There was not a state representative available to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED

Martha Hall
Martha Hall

TITLE

Office Manager

DATE

4/10/2003

cc: BLM

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

MAY 13 2003

DIV OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-72107	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME SOUTH WELLS DRAW	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE Section 10, T9S R16E 1914 FSL 722 FEL		8. FARM OR LEASE NAME MONUMENT FED 43-10-9-16	
14 API NUMBER 43-013-31723		9. WELL NO. MONUMENT FED 43-10-9-16	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5669 GL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
12. COUNTY OR PARISH DUCHESNE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Section 10, T9S R16E	
13. STATE UT			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) <input checked="" type="checkbox"/> Packer Leak	
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well developed a packer leak on 8/4/03. A rig was moved on and repaired the leak on 8/9/03. On 8/6/03 Mr. Dennis Ingram was contacted of the intent to conduct a MIT on the casing. On 8/11/03 the casing was pressured to 1245psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 8/13/2003
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR

Date: 8-21-03
Initials: CHD

* See Instructions on Reverse

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-18-03

By: [Signature]

RECEIVED

AUG 14 2003

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 8 / 11 / 03 Time 12:00 am(pm)

Test Conducted by: BRET HENRIE

Others Present: _____

Well: MONUMENT FEDERAL 43-10-9-16

Well ID: 43-013-31723

Field: SOUTH WELLS DRAW UNIT

Company: _____

Well Location: NE/SE Sec. 10, T9S, R16E

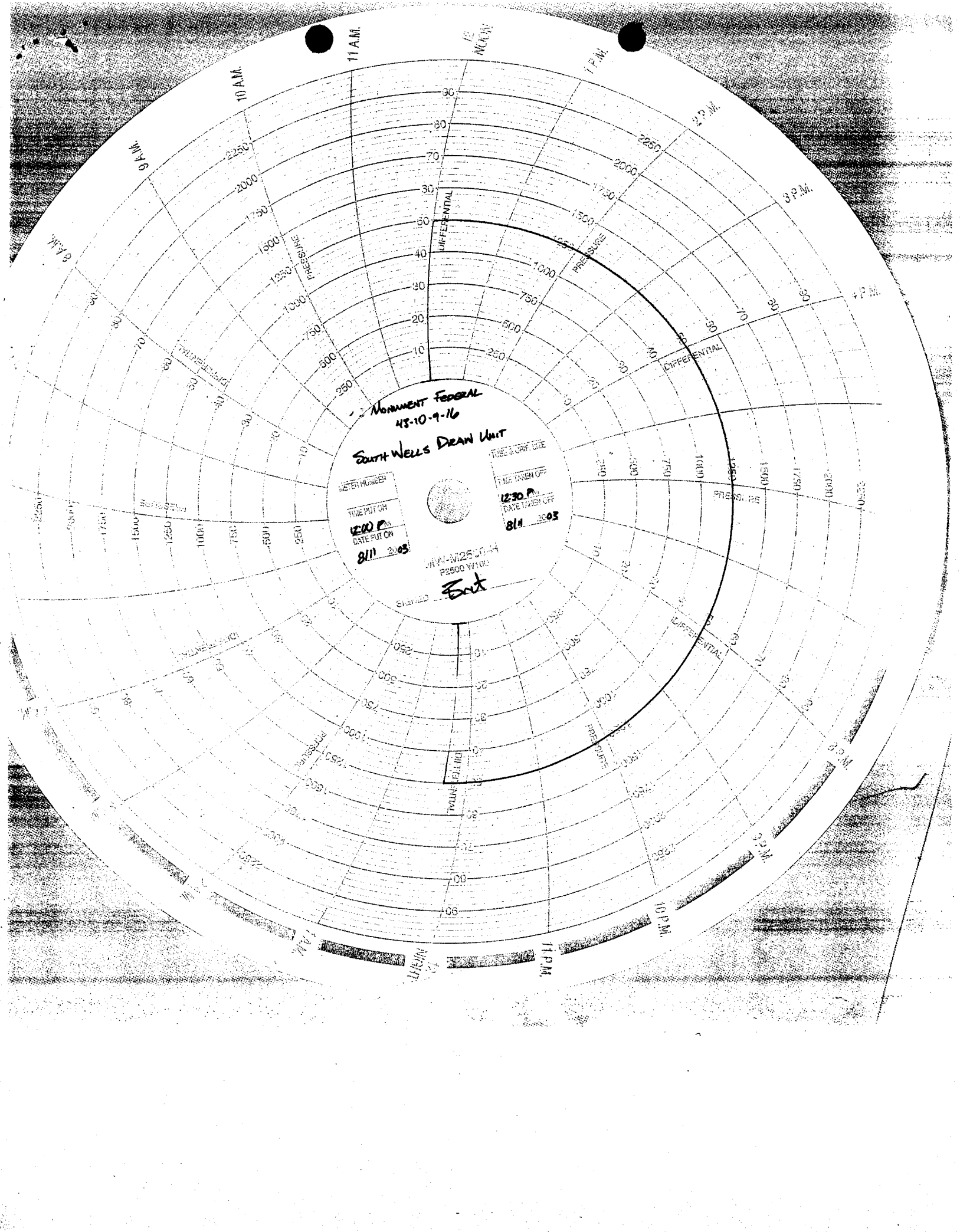
Address: _____

Time	Test	
0 min	<u>1245</u>	psig
5	<u>1245</u>	
10	<u>1245</u>	
15	<u>1245</u>	
20	<u>1250</u>	
25	<u>1250</u>	
30 min	<u>1250</u>	
35	_____	
40	_____	
45	_____	
50	_____	
55	_____	
60 min	_____	
Tubing press	<u>610</u>	psig

Result (circle) Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Bret Henrie



Monument Federal
45-10-9-16

South Wells Draw Unit

METER NUMBER
TIME PUT ON
12:00 PM
DATE PUT ON
8/11/2003

TUBE & GAGE USE
TIME TAKEN OFF
12:30 PM
DATE TAKEN OFF
8/11/2003

WVW-M2500-4
P2500 W100

Checked *Ent*

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>Mon Fed 43-10-9-16</u>	API Number: <u>43-013-31723</u>
Qtr/Qtr: <u>NE/SE</u> Section: <u>10</u>	Township: <u>9S</u> Range: <u>16E</u>
Company Name: <u>Inland Production Company</u>	
Lease: State <u>Idaho</u> Fee <input checked="" type="checkbox"/>	Federal <input type="checkbox"/> Indian <input type="checkbox"/>
Inspector: <u>Alvin L. Dy</u>	Date: <u>4-8-4</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 410 psiCasing/Tubing Annulus - Pressure: 1180 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1180</u>	<u>410</u>
5	<u>1180</u>	<u>410</u>
10	<u>1180</u>	<u>410</u>
15	<u>1180</u>	<u>410</u>
20	<u>1180</u>	<u>410</u>
25	<u>1185</u>	<u>410</u>
30	<u>1185</u>	<u>410</u>

Results: Pass Fail

Conditions After Test:

Tubing Pressure: 410 psiCasing/Tubing Annulus Pressure: 1185 psi

COMMENTS:

Tested @ 1:30 PM. Replace tubing & packer
Record on Part 2Bob Harris
Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU79641X

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
S WELLS DRAW UNIT

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

8. WELL NAME and NUMBER:
MON FED 43-10-9-16

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4301331723

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1914 FSL 0722 FEL

COUNTY: Duchesne

QTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 10, T9S, R16E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Tubing Leak
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/14/2004			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well developed a leak in the tubing on 3/26/04. A rig was moved on and repaired the leak on 3/30/04. On 4/8/04 Mr. Dennis Ingram was notified of the intent to conduct a MIT on the casing. On 4/8/04 the casing was pressured to 1180 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test.

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 04-19-04
By: [Signature]

NAME (PLEASE) Krishna Russell

TITLE Production Clerk

SIGNATURE

[Signature: Krishna Russell]

DATE April 14, 2004

(This space for State use only)

RECEIVED

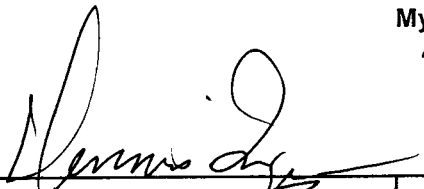
APR 15 2004

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness:



Date 4/8/04

Time 1:30 am/pm

Test Conducted by:

BOB HENRIE

Others Present:

Well: MONUMENT FEDERAL 43-10-9-16

Well ID: 43-013-31723

Field: SOUTH WELLS DRAW UNIT

Company: INLAND

Well Location: NE 1/4 SEC. 10, T4S, R16E

Address:

Time	Test	
0 min	<u>1180</u>	psig
5	<u>1180</u>	
10	<u>1180</u>	
15	<u>1180</u>	
20	<u>1180</u>	
25	<u>1185</u>	
30 min	<u>1185</u>	
35		
40		
45		
50		
55		
60 min		
Tubing press	<u>410</u>	psig

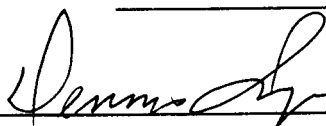
Result

(circle)

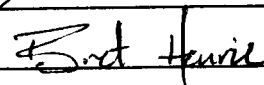
Pass

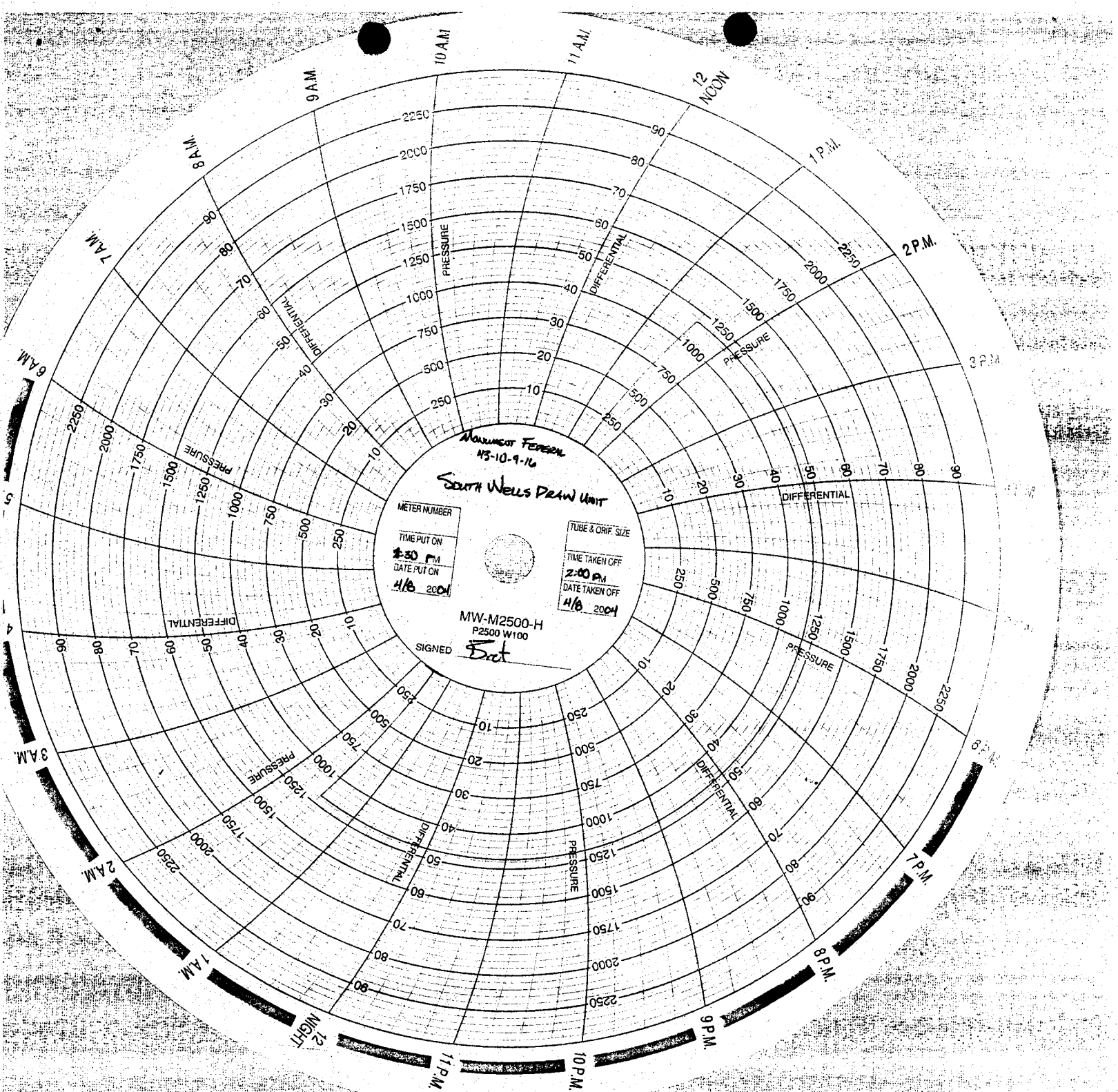
Fail

Signature of Witness:



Signature of Person Conducting Test:







Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by:

Title:

Approval Date:

Comments:

Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

SOUTH WELLS DRAW (GR)**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WI</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-72107
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: S WELLS DRAW UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1914 FSL 722 FEL		8. WELL NAME and NUMBER: MON FED 43-10-9-16
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE, 10, T9S, R16E		9. API NUMBER: 4301331723
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>03/06/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 3/5/09 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 3/6/09. On 3/6/09 the csg was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbp pressure was 2045 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31723

Accepted by the
Utah Division of
Oil, Gas and Mining

03-17-09
[Signature]

COPY SENT TO OPERATOR

Date: 3.18.2009

Initials: KS

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u><i>Callie Ross</i></u>	DATE <u>03/10/2009</u>

(This space for State use only)

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MAR 16 2009

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 3/6/09 Time 10:30 am pm
Test Conducted by: David Chase
Others Present: _____

Well: Monument Butte 43-10-9-16

Field: Monument Butte

Well Location: NE/SE Sec. 10, T9S, R1E API No: 43-013-31723

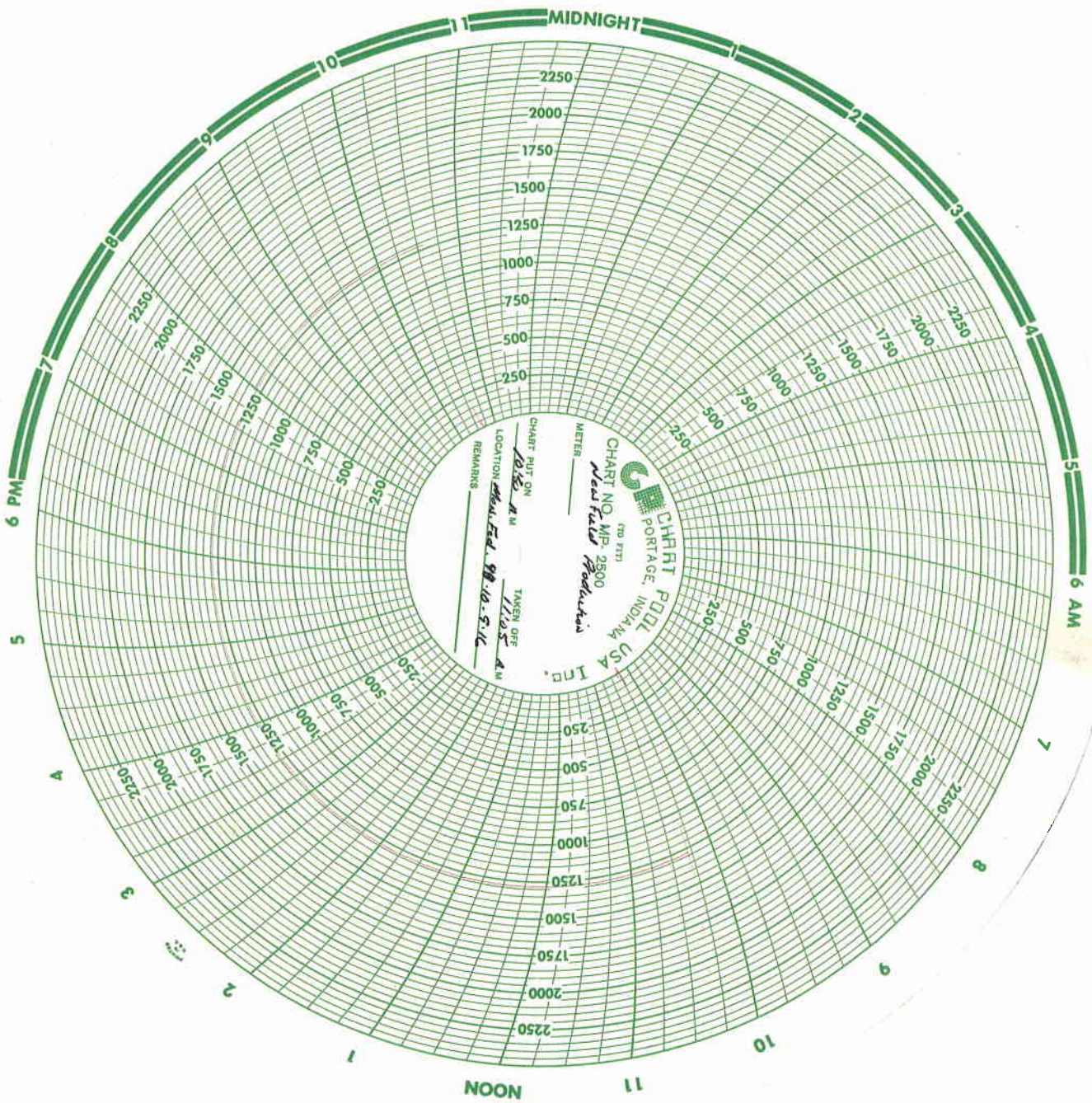
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1275*</u>	psig
5	<u>1275*</u>	psig
10	<u>1275*</u>	psig
15	<u>1275*</u>	psig
20	<u>1275*</u>	psig
25	<u>1275*</u>	psig
30 min	<u>1275*</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 2045 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: DJH



Spud Date: 1-25-97
 Put on Production: 2-26-97
 GI: 5668.6' KB: 5678.6'

Monument Federal #43-10-9-16

IP: 84 BOPD, 38 MCFD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 5 jts @ 254.25'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 264.25'
 CEMENT DATA: 160 sx Class G, est 5 bbis cmt to surface

PRODUCTION CASING

SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 #
 LENGTH: 140 jts @ 5742.28'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5786.33'
 CEMENT DATA: 180 sx Premium Lite & 400 sx 50 50 Poz
 CEMENT TOP AT: 1050' per CBL

TUBING RECORD

SIZE GRADE WT: 2 7/8", M-50, 6.5 lbs
 NO. OF JOINTS: 149 jts (4644.61')
 PACKER: 4658.94'
 EOT: 4661.93'

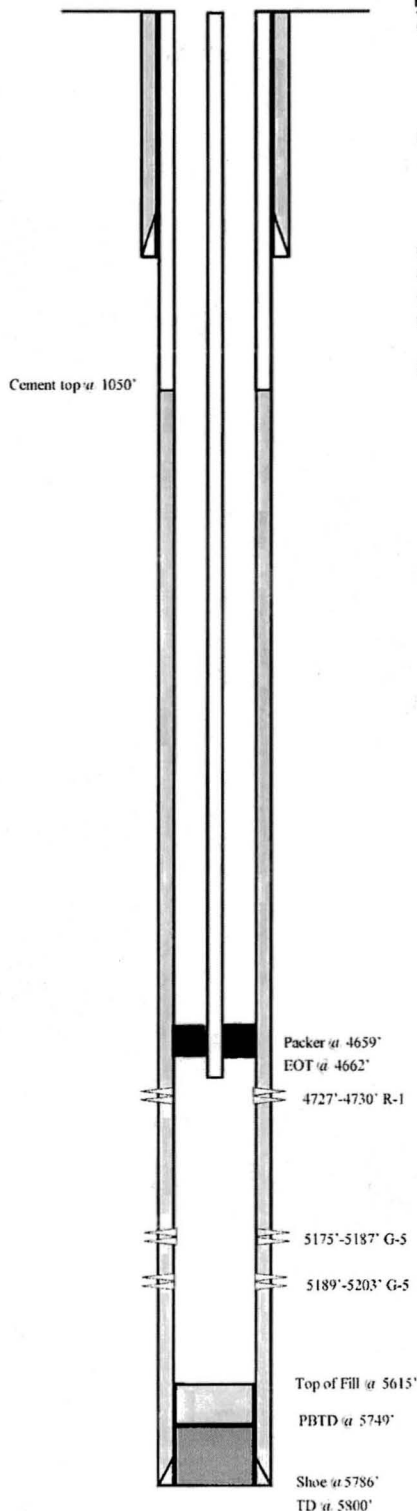
FRAC JOB

02-07-97 5175'-5203' Frac sand as follows:
 23,562 gals 2% KCL gelled water, 22,500#
 20-40 sand, & 55,800# 16-30 sand. Avg
 treating press of 1950 psi w avg rate of 30
 BPM. ISIP-2450 psi, 5 min 1670 psi.

02-24-97 4727'-4730' Frac sand as follows:
 10,668 bbis 2% KCL gelled water, 14,190#
 16-30 sand. Avg treating press of 2500 psi
 w avg rate of 22.8 BPM. ISIP-2200 psi, 5 min
 1760 psi.

08-13-01 Convert to injector.
 09-04-01 Begin injection @ 200 BWIPD.
 04-09-03 Packer Leak Repair
 08-09-03 Packer Leak Repair.

3/6/09 5 Year MIT completed and submitted.



PERFORATION RECORD

2 06 97	5175'-5187'	4 JSPF	48 holes
2 06 97	5189'-5203'	4 JSPF	56 holes
2 21 97	4727'-4730'	4 JSPF	12 holes

NEWFIELD

Monument Federal #43-10-9-16
 1914 FSL & 722 FEL
 NE/SE Section 10-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31723; Lease #U-72107